

LIFE



DENVER HIGH SCHOOL

APRIL 22, 1946

10

CENTS

YEARLY SUBSCRIPTION \$4.50



J. F. Rogers and his son, Peter, excel as one of Studebaker's expert heat-treating teams. Many of Studebaker's best craftsmen owe their skill to the long apprenticeship they've put in under their fathers or older relatives. New father-and-son teams are constantly forming in the Studebaker factories.

They make it their lifework to build long life into your Studebaker

That loyalty of Studebaker craftsmen assures unchanging high quality

YOU find an impressive year-after-year continuity of the same men and the same family names on the Studebaker employment roster.

South Bend boys by the hundreds grow to young manhood and start learning to be Studebaker craftsmen under the eyes of their own fathers. In many instances, those fathers were schooled in Studebaker precision manufacturing the same way themselves.

These painstaking craftsmen stay at their Studebaker jobs and seldom leave them for other work—and it is because of this, that Studebaker quality stays uniformly high, decade after decade.

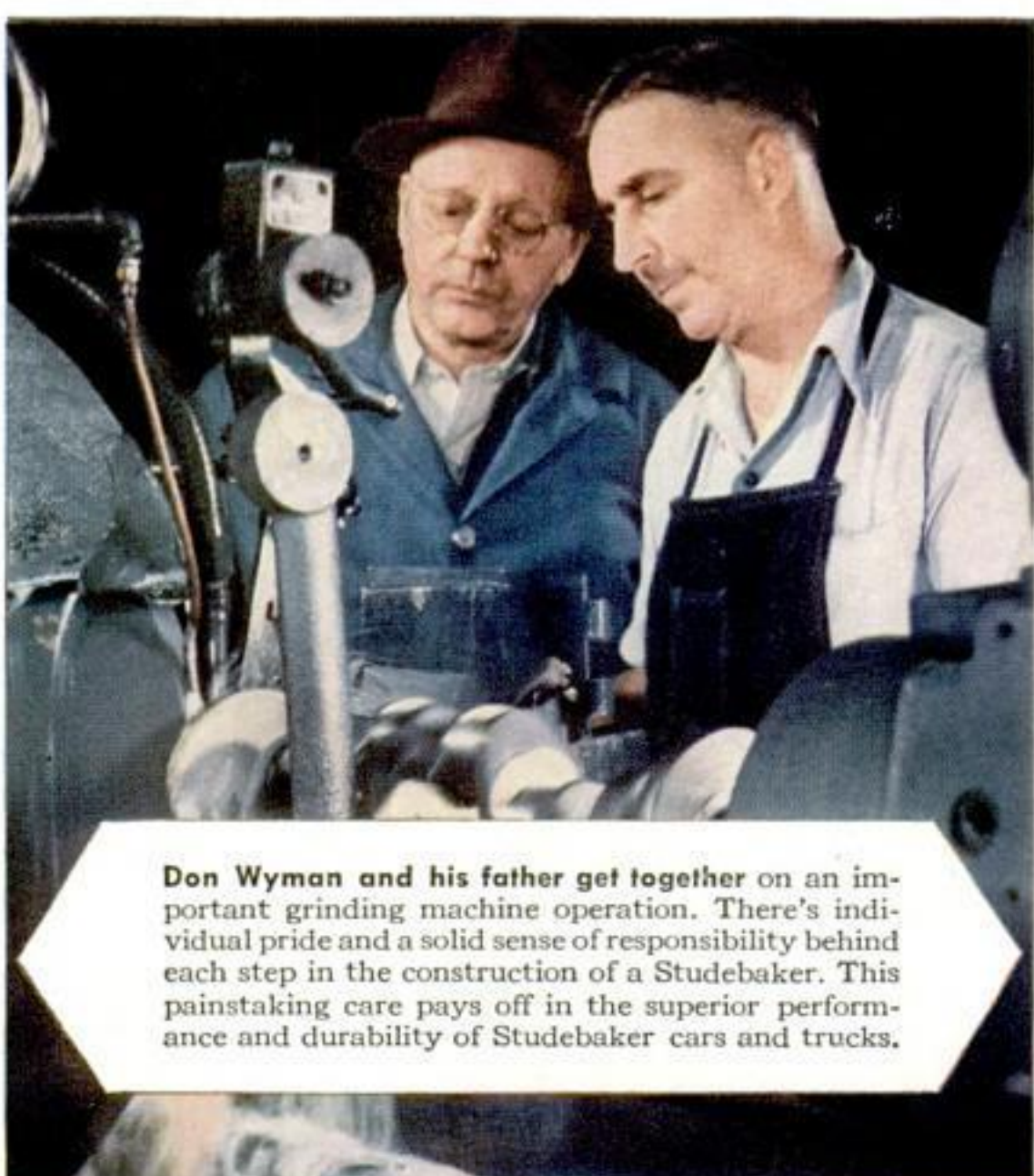
The Army recognized that when it entrusted to Studebaker a billion and a quarter dollars worth of its most important war equipment production. And that same consistently good workmanship keeps Studebaker cars remarkably free from the customary penalties of hard use.

Today, "Always give more than you promise" is the watchword throughout the Studebaker factories, just as it was 94 years ago. Because that watchword is a living, daily influence, your money invested in a Studebaker goes far.

Studebaker

South Bend 27, Indiana, U.S.A.

BUILDER OF CARS WORTHY OF AMERICA'S HOMES



Don Wyman and his father get together on an important grinding machine operation. There's individual pride and a solid sense of responsibility behind each step in the construction of a Studebaker. This painstaking care pays off in the superior performance and durability of Studebaker cars and trucks.



Why the funny hat, Pal?

"Sure, I may look silly. But I'd rather be silly than sorry... sorry about picking up a case of infectious dandruff. When a big dermatologist says wearing a night-cap is a swell precaution against germs, that's good enough for me."

If you won't wear a night-cap—and the chances are you won't—you will find Listerine Antiseptic and massage a superb alternative. It has helped others wonderfully. Why not you?

Kills "Bottle Bacillus"

If you have the slightest symptom such as flakes, scales, or itching, don't try to laugh it off... you may be in for real trouble. Get started at once with Listerine Antiseptic and rotary, finger-tip massage. It's so easy, so simple, so delightful; no mess, no greasy salves or lotions.

Listerine Antiseptic really goes to work on infectious dandruff. It gives hair and scalp a cool and stimulating antiseptic bath that kills millions of the "bottle bacillus" (*Pityrosporum Ovale*). This stubborn, tough germ is looked upon, by many dermatologists, as a causative agent of this annoying condition.

The Tested Treatment


If you don't see quick improvement, repeat the treatment twice a day. Surely, a method that has helped so many may help you.

Just remember: the Listerine Antiseptic treatment within 30 days brought complete disappearance of, or marked improvement in, the symptoms of dandruff to 76% of the men and women who used it in a clinical test.

Listerine Antiseptic is the same antiseptic that has been famous for more than 60 years in the field of oral hygiene.


LAMBERT PHARMACAL COMPANY, St. Louis, Mo.

The TREATMENT



WOMEN: Part the hair at various places, and apply Listerine Antiseptic. **MEN:** Douse full strength Listerine Antiseptic on the scalp morning and night.

Always follow with vigorous and persistent massage. Continue the treatment so long as dandruff is in evidence. And even though you're free from dandruff, enjoy a Listerine Antiseptic massage once a week to guard against infection.



Pityrosporum ovale, the strange "bottle bacillus" regarded by many leading authorities as a causative agent of infectious dandruff.

At the first sign of Infectious Dandruff... Listerine Antiseptic—Quick!



Playing at your house tonight?

An imaginary curtain rises in your living room.
An orchestra strikes up.

And from then on, there's nothing imaginary about it . . . *this is the real thing*. "Oklahoma!" is playing a command performance at your house!

Here, on Decca records, are the lilting music . . . the unforgettable words . . . the same distinguished cast, chorus and orchestra that made this musical

play a brilliant success on Broadway!

This is just one of Decca's famous Original Cast Albums that bring Broadway's best—and Hollywood's—into your home. It's part of Decca's plan to record the music *you* like best . . . the *way* you like to hear it.

DECCA RECORDS



OKLAHOMA! DA-359—12 sides—10 in. \$5.00 and A-383—4 sides 10 in. \$2.00, both with members of original cast. DA-378—4 sides 10 in. \$2.00, Los Angeles Philharmonic Orchestra, direction Alfred Wallenstein.



THE RED MILL. Selections from Victor Herbert's musical comedy. Wilbur Evans, Eileen Farrell, Felix Knight. 6 sides. 10 inch. No. A-411 . . . \$2.75



BING CROSBY-ROAD TO UTOPIA—Including "Put It There Pal" (with Bob Hope), "Welcome To My Dream," "It's Anybody's Spring," "Personality," "Would You?" Also famous "Road to Morocco" with Bob Hope. No. A-423 . . . \$2.50



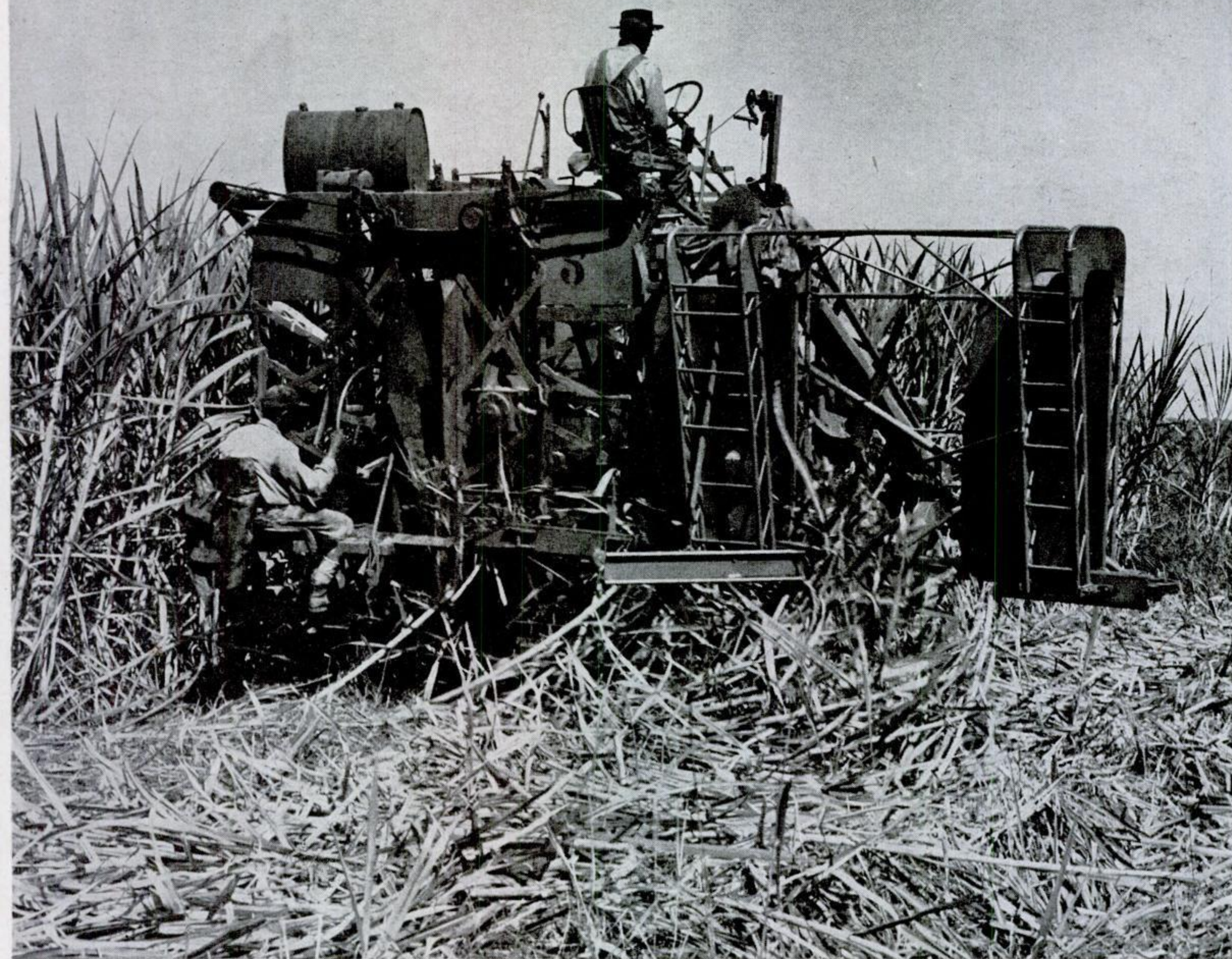
THE DESERT SONG. Melodies of romance and adventure. Kitty Carlisle, Wilbur Evans, Felix Knight, Jeffry Alexander Chorus. 10 sides. 10 inch. No. DA-370 . . . \$4.25



CAROUSEL. Worthy successor to "Oklahoma!" With members of original New York cast. 10 sides. 12 inch. No. DA-400 . . . \$5.50

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A development of
B.F. Goodrich
FIRST IN RUBBER



Razing cane—75% cheaper

A typical example of B. F. Goodrich development in rubber

DOWN in Louisiana sugar cane is a big crop. Big in many ways. Cane stalks stand 10 to 15 feet high. They're tough, sturdy, often 1½ to 2 inches in diameter. And cane has to be harvested during the winter rainy season—even when there's water standing in the rows.

For years farm work in this southern sugar bowl was a job for men and horses. It was slow, heavy work—planting, cultivating, cutting the heavy cane by hand in wet fields. They tried mechanized farm equipment—but it didn't work well in the cane fields until special rubber tires were developed.

B. F. Goodrich took the design of its regular tractor tire which had worked so well in other sections,

put double-high cleats on it for greater traction.

This special cane field tire made practical new cane field machinery. The harvester shown in the picture cuts cane as easily as though it were grass, lays it in rows. Labor costs only 25c per ton. Hand labor—when you can get it—costs about \$1 per ton. Thus the machine method saves 75%. Time saving in case of an early freeze may be even more important.

A special crane, mounted on this same kind of tires, picks up the cane stalks with grappling hooks, drops them onto rubber-tired wagons. Time and money are saved on every operation.

This cane field tire is typical of B. F. Goodrich developments in tires for every purpose. If the job

requires a special kind of tire B. F. Goodrich builds it. In the complete line are special tires for off-the-road usage, for logging trucks, for road machinery, for farm equipment, for intra-plant hauling, and many other purposes. Before you buy tires, check the B. F. Goodrich man. He can show you an improved tire for every purpose. *The B. F. Goodrich Company, Akron, Ohio.*

Tires and Tubes
BY
B.F. Goodrich

This One



YTL8-CP1-GCJS

"You'll Say So, Too!"

G. Washington's
Instant Coffee is as
delicious as the
finest ground coffee
you can buy!"

says Mrs. Guy C. Million, Jr.
Kirkwood, Mo.



No wonder thousands are switching to
this **PURE 5-SECOND COFFEE**



ALL YOU DO
IS ADD
HOT WATER!

"It's the conveniencel" says Mrs. Charles
Herbstreith of Nutley, N. J. "No coffee
pot; no grounds; no wastel It's ready
in 5 seconds!"



AND IT
COSTS
NO MORE!

Says Mrs. James Parks of Oak Park, Ill.,
"Just think, the 2-oz. container of G.
Washington's is equal to a full pound
of ordinary ground coffee!"

● G. Washington's was the *first* instant
coffee on the market. No wonder the NEW
G. WASHINGTON'S is causing thousands to say
it's as delicious as the finest ground coffee
they ever tasted! No coffee pot; no grounds.
Just *half a teaspoonful* and boiling water
for a grand cup of coffee. That's because it's
pure coffee—100% coffee, with no "fillers"
added. Try it! Get G. Washington's at your
grocery or delicatessen today. Remember,
it costs no more than old-style coffees!

THE NEW
G. Washington's
INSTANT COFFEE

A PRODUCT OF AMERICAN HOME FOODS, INC.



NOT HALF, NOT TWO-THIRDS,
BUT ALL COFFEE!
NO MALTOSE, DEXTRINS
OR DEXTROSE ADDED



LETTERS TO THE EDITORS

PARIS FASHIONS

Sirs:

What do French women have that
American women don't? That's easy.
Your pictures of Paris fashions
(LIFE, April 1) clearly answer it:
clothes designers with uncanny origi-
nality and exciting deftness of taste.
I, a mere male, was transfixed with
admiration. . . .

JEFFREY S. WETRICH

Hempstead, N.Y.

Sirs:

. . . Just pick up the latest issue
of either *Vogue* or *Harper's Bazaar*
and compare. Our models and clothes
look so much better than the current
Parisian product. . . .

DOROTHY WHITNEY FROHMAN

Washington, D.C.

Sirs:

I was both amused and amazed at
LIFE's picture of a pretty model with
a long-sleeved evening dress and



CHEST COLD?

naught but a fold of pink satin over
her nearly naked bosom.

"Because French houses, restau-
rants, theaters are cold," says LIFE,
"many evening dresses have long
sleeves." Tsk, tsk, LIFE! Haven't you

CONTINUED ON PAGE 6

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LIFE
April 22, 1946

Volume 20
Number 16

INSIDE ★

Paramount

Published Here Every 4 Weeks



April showers bring May flowers, but this
April there's a rip-roaring cloudburst of
thrills and suspense that brings the Big
Three . . . ALAN LADD, VERONICA
LAKE and BILL BENDIX . . . in
Raymond Chandler's story of murder in
full bloom.

"The BLUE DAHLIA"

Chandler, one of the greatest mystery
writers alive, has tailored this one to
order for the screen's most terrific three-
some, and the action flows like wine along
Hollywood's famous night club strip.

★ ★ ★

Ladd walks in on a killing . . . and walks
out on that curvaceous blonde . . . fighting
his way through one thrilling jam after
another with all the tense daring-do that
has made him such a sensation.

★ ★ ★



And Bendix delivers still
another of his rocking, sock-
ing performances.

★ ★ ★

Doris Dowling and Howard da Silva, the
saloon sweetie and bartender in "The
Lost Weekend," are a pair of two-timers
who try to cheat Ladd out of love.

★ ★ ★

So sit tight in your seat, and check your
blood pressure at the door, because Di-
rector George Marshall has come through
with this year's most exciting whodunit.
And you can take our word for it . . . "THE
BLUE DAHLIA" won't loll ya to sleep!

Paramount Pictures

IN YOUR HAND — HISTORY'S MOST

**IMPORTANT
YEAR!**

BRITANNICA
Book of
the Year
1946

BRITANNICA
BOOK OF THE YEAR
1946



EVENTS OF
1945

\$10

\$11 IN CANADA

No year in the records of mankind has ever held such historical significance as 1945—the year the world's greatest war ended in victory for the United Nations.

Your life—your children's lives—and the lives of their children in turn—will be colored and influenced by the events of those important 12 months.

That is why this year—more than ever before—you'll want to own the Britannica Book of the YEAR—an authoritative record of 1945 in one handsome volume, prepared and edited by Encyclopaedia Britannica, the standard of scholars for generations.

This graphic best seller is a volume you will cherish for years and refer to with frequency—a superlative gift you can give with pride. 896 pages . . . 400 historically important photographs (including the four prize award news photos of the year) . . . approximately one and one-half million words written by more than 500 leading authorities in every field. This is the story of 1945 . . . in politics (domestic and international) . . . in labor and business . . . religion, education, medicine, science, art, and—important beyond measure—the war that changed the destinies of nations.

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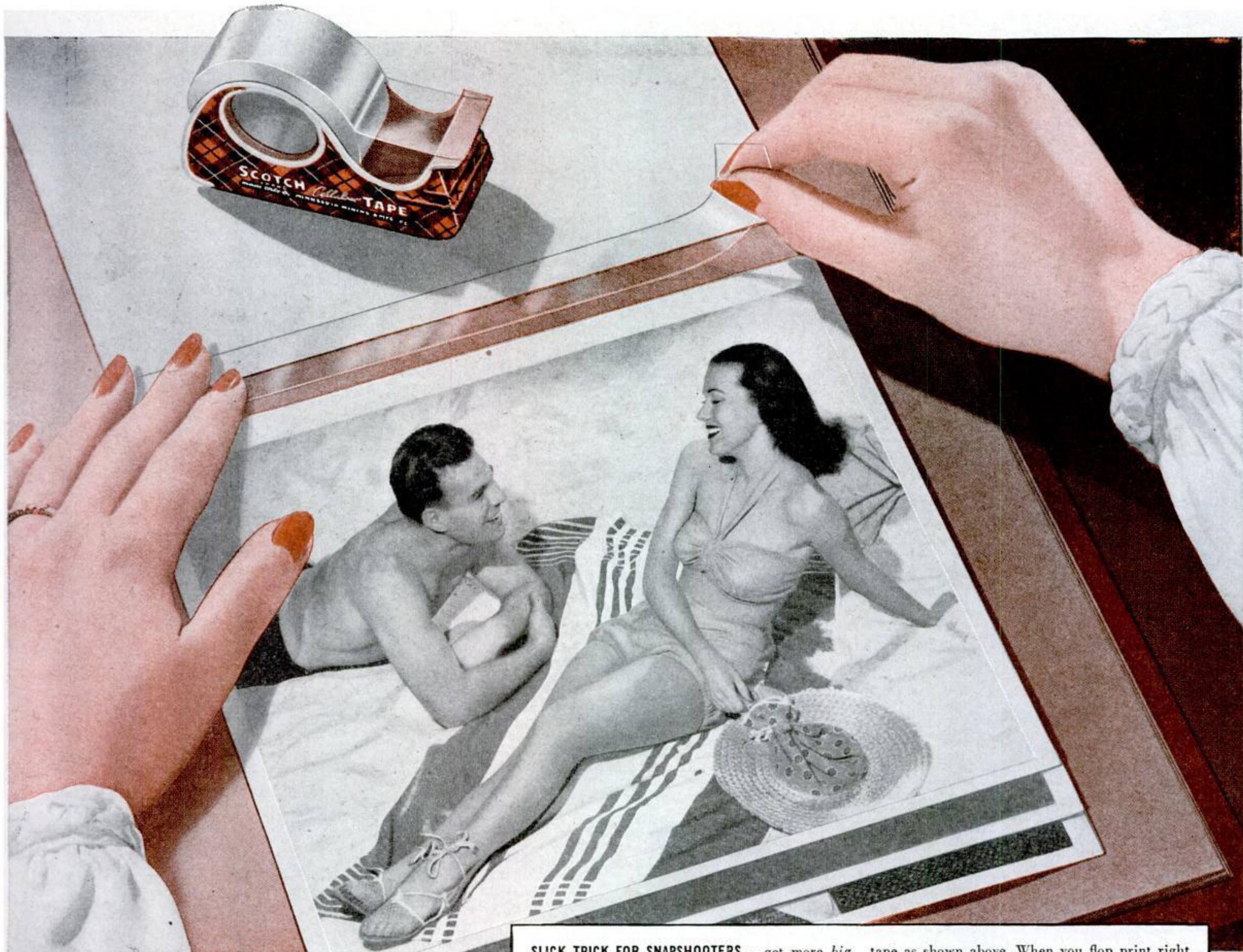
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tape as shown above. When you flop print right side up, tape is covered by print and forms a sturdy, permanent hinge.

IT'S A SNAP.. WITH "SCOTCH" TAPE

Tape down your pictures in a jiffy... mend books, seal packages... there are scores of chores "Scotch" Cellulose Tape does best. Get some today—and for your protection, always insist on the "Scotch" Brand and look for the Scotch plaid design.



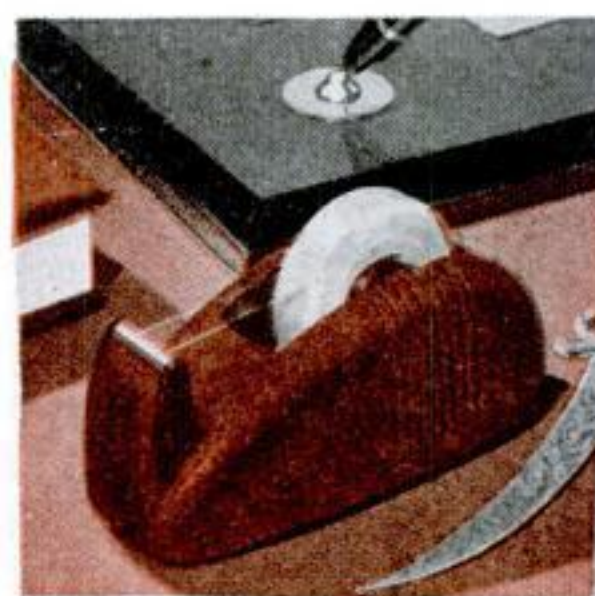
FOR GIFT WRAPPING... "Scotch" Tape in solid colors and designs for gift occasions. Rolls illustrated 10c. Utility Dispensers of Seals and Airmail markers—25c.



FOR SCHOOL OR CHILDREN'S ROOM... for mounting pictures in their scrap-books, making or repairing toys, mending picture books. They'll find lots of jobs for the handy 10c roll.



IN THE KITCHEN... for sealing lunch packages, mounting recipes in cook books—you'll keep one of these bright new plaid Utility Dispensers busy—15c and 25c.



ON THE DESK... for sealing envelopes, holding coins to letters for mailing, mending torn books. Desk Dispenser holds 792 inch roll. Complete with roll \$1.25—refill rolls 50c.



FOR HOME WORKSHOP... to hold small work for drilling, to mask paint work. Palm-sized Plastic Dispenser holds 792 inch roll. Complete with roll 65c—refill roll 50c.

SCOTCH *Cellulose* TAPE

BRAND

SEALS WITHOUT MOISTENING

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"SCOTCH" is the registered trade-mark for the more than 100 varieties of adhesive tapes made in U. S. A. by **MINNESOTA MINING & MFG. CO.** Saint Paul 6, Minn.

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Also makers of "3M" Brand abrasives, adhesives, and a wide variety of other products for home and industry



IT'S A DIZZY WHIRL. But where's the fun in this picture? You'll never find it through neglected eyes. A quick hand, a sharp mind call for eyes that are keen and comfortable—eyes that are examined regularly!

The *keener* the eye—
The *quicker* the hand!

REACH FOR BETTER living. Treat your eyes to the benefits of skilled professional care. Your eye-consultant may find it desirable to have your prescription made in Soft-Lite Lenses. They bring you day-and-night comfort and freedom from glare.



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have them examined regularly!

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SOFT-LITE LENS COMPANY, INC., NEW YORK • TORONTO • LONDON

LETTERS TO THE EDITORS

CONTINUED

BALI

Sirs:

It is very seldom that LIFE makes a mistake in its articles relating to medicine or science. In the interest of continuing accuracy may I call your attention to the following statement found in Mr. Sherrod's otherwise excellent article on the Balinese (LIFE, April 1)?

"... Female Balinese carry well-laden baskets on their heads, thereby attaining a carriage which permits of no flat chests."

Not true. In the first place, muscular development has nothing to do with the contour of the female breast, since it is, after all, composed mostly of glandular tissue.

In the second place, the term "flat chest" is a misnomer. Strictly speaking, flat chest is a term for a condition found in both the male and female which has to do with the bony development of the anterior chest cage (really maldevelopment)....

And finally, as a doctor, one might objectively state that the U.S. has its share of Balilike women.

EUGENE A. FIELD, M.D.

Providence, R. I.

● Dr. Field is correct. While posture develops the supporting muscles of the breasts, it has little or no effect on their size.—ED.

LEAF SILHOUETTES

Sirs:

Your pictures of skeletonized leaves (LIFE, April 1) were of special interest to me, as I have made many of them. It is difficult for me to believe that the way they were made was by pin-pricking.... Here is the way they may be easily made. Select leaves tough enough to resist rotting in water. Place them in a crock or convenient vessel, cover with water and leave in warm place for about two weeks, or until the chlorophyll is thoroughly softened. It will be a smelly mess, but with rubber gloves the leaves can be gently handled in clear water and the fibrous skeletons will easily be freed.

There is very little labor needed in this process and they can be produced by the dozens easily. It is a pleasure to pass on to others the result of my own experience.

FRANK NEER

Springfield, Ohio

Sirs:

I, too, have made silhouette designs not only on leaves but on flowers as well. I use fresh leaves and a sharp, pointed instrument such as a pin, needle or razor blade with which I carefully prick out the design I want. When they are finished I preserve them between the pages of a book, changing their position from time to time so they will dry without decaying and still retain their natural colors. Although I have found it possible to make a leaf silhouette in two hours, a good one takes as much as two weeks. For subjects I prefer religious pictures, those that inspire devotion, praise and glory to God, the Uncreated Beauty.

BROTHER ADRIAN LEWIS,
F.S.C., PH.D.

Manhattan College
New York, N.Y.



To look your best you naturally look to "Paris"* for championship style. Now you can once again enjoy the soft, supple comfort of selected calfskin. The very finest top grade leather is selected, then each belt is individually bench-made with the famous "Paris" padded construction. It is smartly lined with pigskin and finished with a new brass buckle, modernistically shaped to fit the contour of the belt. Priced at \$3.50 in Suntan, Brown, Black and Cocoa—at fine stores everywhere. Other "Paris" Belts \$1 to \$7.

You'll also like the new "Paris" All Elastic "Free-Swing"* Suspenders \$1.50 to \$3.50 and famous "Paris" Garters 55c & \$1.

*Reg. U. S. Pat. Off.—a product of A. Stein & Company

LOOK TO "PARIS" TO LOOK YOUR BEST

PARIS
BELTS

Streamline your Waistline

CONTINUED ON PAGE 11



Blizzard weather will find many folks snoozing happily under a single layer of electrically heated blanket. (G-E Blanket weighs only 5 lbs. Three regular blankets weigh about 15 lbs. Laundering instructions with blanket.)



Fog and drizzle won't bother the G-E Blanket owner. Simply turn on the blanket . . . sleep like a baby all night long. Expense is no factor either—the average operating cost is only 2 cents a night!

G-E BLANKET BRINGS YOU AUTOMATIC SLEEPING COMFORT

"Never slept so well in my life!" . . . "Warm as toast on the coldest nights." . . . "Gets me to sleep so much quicker!"

Comments like these come from thousands of sleep-happy G-E Blanket owners.

Pioneered long before the war by the General Electric Company, new lamb-soft "electrically-warm" Blankets are light as a single regular blanket . . . yet warm as three when necessary.

Plug your G-E Blanket into any ordinary socket. Special G-E Bedside Control keeps bed temperature (and you) "just right" all night, adjusts *automatically* to weather changes.

Welcome feature of the G-E Blanket is its ability to *pre-warm* chilly sheets. Turn it on a few minutes before retiring—then climb into a bed blissfully, restfully warm from corner to corner. Sleep in *night-long* sunny warmth.

Before the war, thousands of American homes were

outfitted with G-E Blankets. Enthusiastic owners now wonder how they ever got along without them.

A fortunate few will be able to get G-E Blankets now. Soon there will be plenty for all.

And coming soon—a second model with two controls for husband and wife wishing different temperatures for their half of the bed.

★ ★ ★

The General Electric Company, Bridgeport, Conn.



Zero weather no longer means bed socks, sweaters in bed, and roaring furnaces. Those who sleep under lightweight G-E Blankets can wear summer-weight night clothes all year round, keep windows wide open. (Uses alternating current only.)

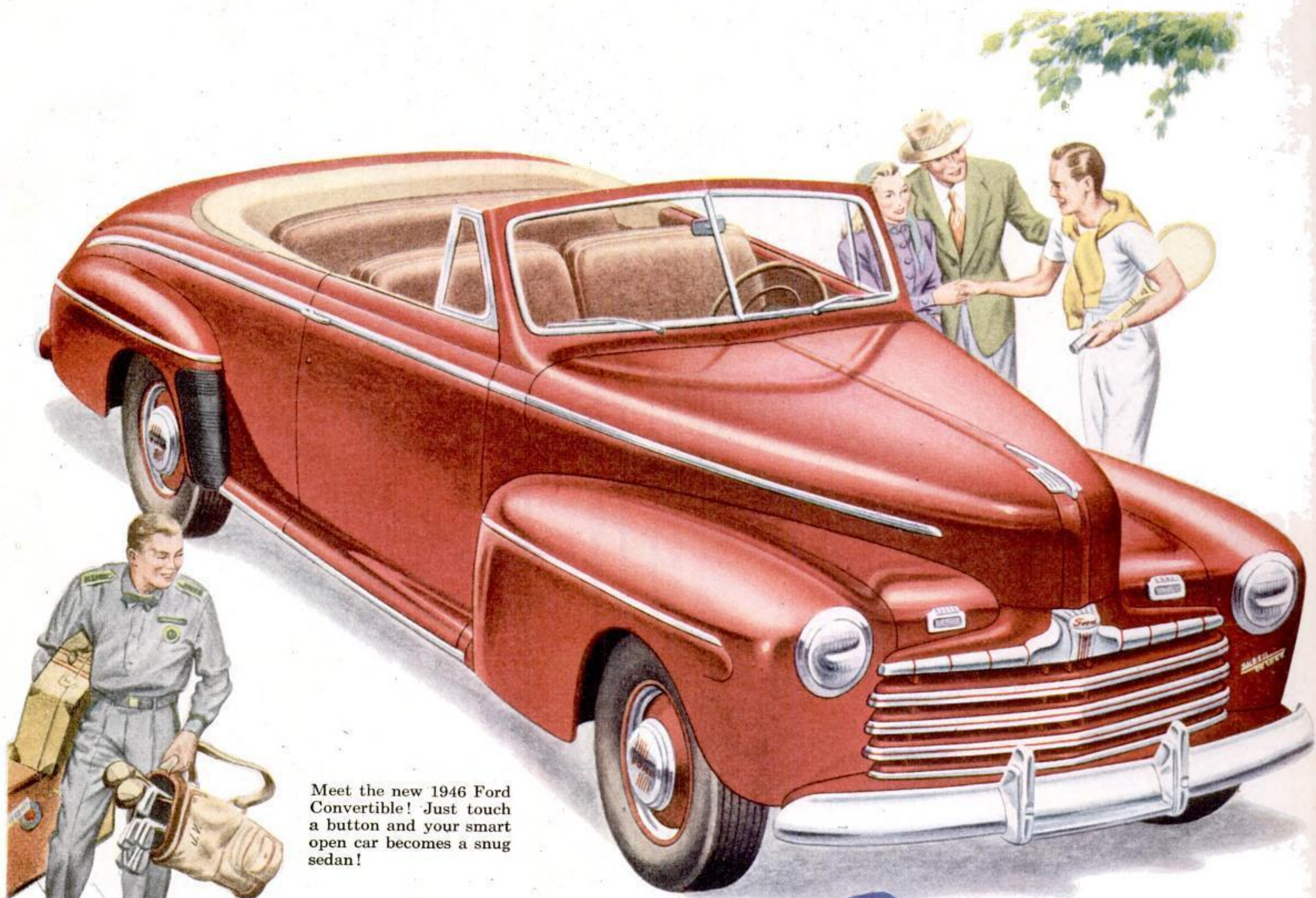


Automatic Blankets

FOR A NEW KIND OF SLEEPING COMFORT

GENERAL  ELECTRIC

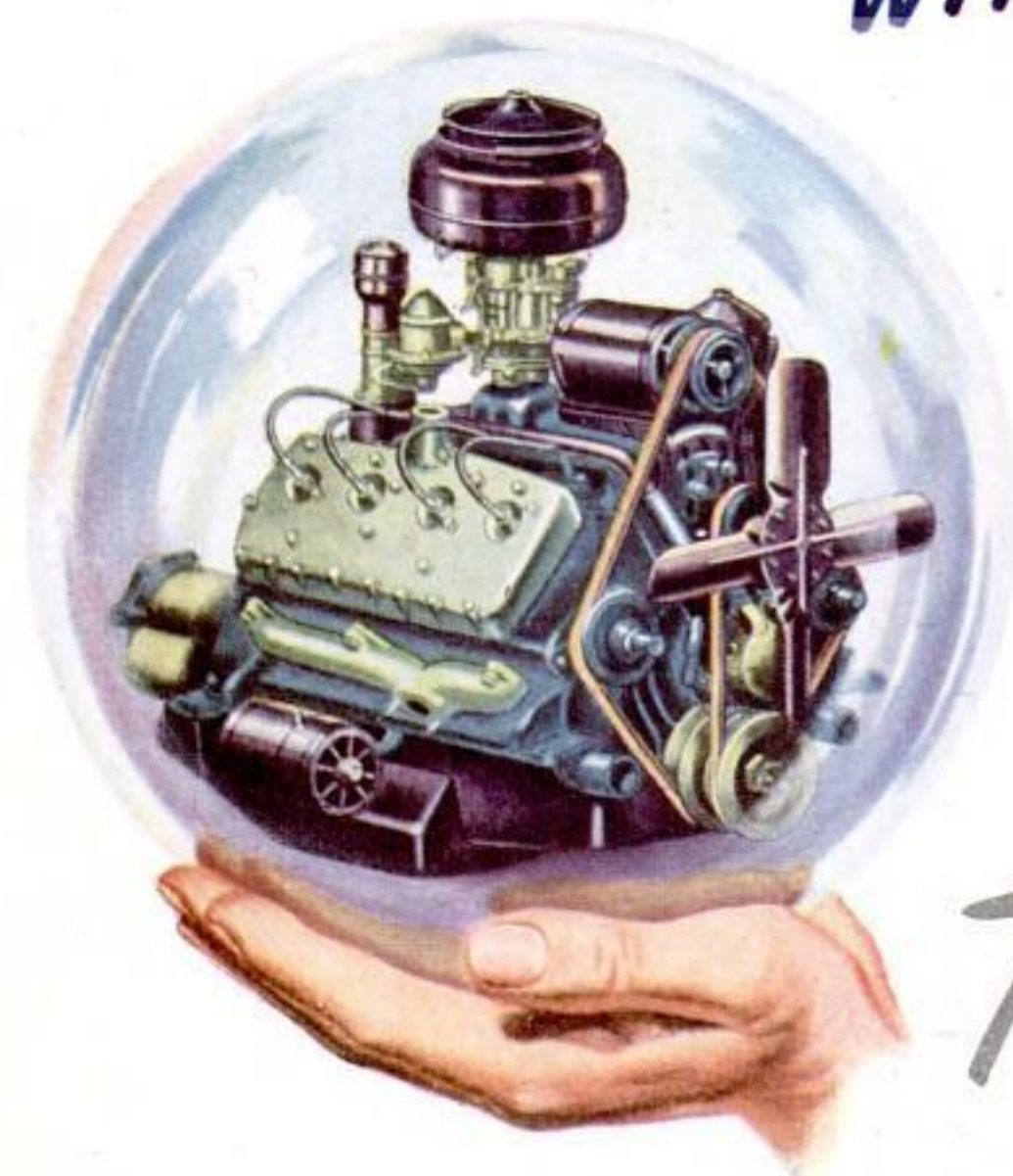
Cold winds and rain mean nothing to those who sleep under G-E Blankets. Special Bedside Control keeps bed temperature "just right!" G-E Blankets save storage space, make bedmaking simpler and quicker, too.



Meet the new 1946 Ford Convertible! Just touch a button and your smart open car becomes a snug sedan!

Ford's out Front

WITH THE BIG 100 h.p. V-8 ENGINE!



• No other car in its price class performs like the 1946 Ford because no other has the V-8 engine . . . no other has 100 horsepower! The V-8 type of engine, you know, is used in America's finest, costliest automobiles!

The new Ford V-8 is thrifty on gas and oil because of new 4-ring

aluminum pistons and new balanced carburetion.

With this engine . . . with new oversized hydraulic brakes . . . with wider, lower, handsomer appearance . . . and with dozens of other improvements, no wonder so many people say: "Ford's out front in the low-priced field!"

There's a **Ford** in your future

TUNE IN . . .

The FORD-Bob Crosby Show—CBS, Wednesdays, 9:30-10 P.M., E.S.T.
The FORD Sunday Evening Hour—ABC, Sundays, 8-9 P.M., E.S.T.



REMINGTON

**electric shaving
faster, closer with
new preparation**

• Now you can get quicker, longer lasting shaves from your Remington Electric Shaver—with sensational new Lectric Shave. It's an amazing scientific development of The J. B. Williams Company . . . and it has been proved in tests by over 800 men using every make of electric shaver. Just dash a few drops of Lectric Shave on your face *before* shaving.

*lubricates skin for
faster shaving*



• By overcoming the friction which ordinarily slows down shaving when you press the shaver head hard against your face. Lectric Shave lets your shaver "glide" along quickly and smoothly—helps save precious minutes of shaving time.



*conditions beard
for closer shaving*

• A special emulsifying ingredient in Lectric Shave takes the "fight" out of tough whiskers. It lets your shaver shave closely, evenly—helps you get a longer lasting shave. It's good for the motor of your shaver, too.

• Lectric Shave works equally well with any make of electric shaver. Try it yourself for faster, closer, smoother shaves. On sale at toilet-goods counters everywhere . . . costs less than 1/4¢ a shave.



**MAKES ELECTRIC
SHAVING EASIER**

LETTERS TO THE EDITORS

CONTINUED

Sirs:

I hate to spoil a good story of elaborate artistry or cry "April fool!" but if Mrs. Carroll's great-aunt spent more than 20 minutes on her interesting subjects she believed in doing it the hard way, because I used to use this particular activity for our nature class in recreation work. Some children could do one in ten minutes flat.

We selected nice smooth leaves, placing them on a board, cut pictures from a magazine and thumbtacked them onto the leaf. Next we took a hairbrush, bristles down, and gently tapped the exposed part of the leaf until the soft part of the leaf could be blown or brushed away, leaving only the fibrous veins of the leaf and the protected picture. . . .

BERTIE BARNETT

Santa Rosa, Calif.

THE CARDINALS

Sirs:

Congratulations and many thanks to LIFE on the fine article about the St. Louis Cardinals (April 1).

But what in heaven's name is a "triple-double-inverted whammy?"

MICHAEL D. MAREMONT

St. Louis, Mo.

• It is an elaboration on the simple single, uninverted whammy.—ED.

Sirs:

Although LIFE's covers always catch my eye you can imagine the surprise I got when I spotted LIFE's cover picture of the Cardinals' pitcher "Red" Barrett. For beside it on my desk was this picture of my grandson, Stewart Michael Morse, which was taken last Aug. 18, on his third birthday. In comparison with a big leaguer like Barrett I must say the youngster shows extremely good form indeed.

ALBERT J. GIDNEY

New York, N.Y.



GOOD FORM—AGE 31



GOOD FORM—AGE 3

"One step
nearer, Son,
and it's
'no sale' /"



Friend, it isn't a pretty thing to say . . .

But if you're really anxious to close that sale, you need more than a sample case under your arm: You need Mum!

Because underarm odor never helped anybody get ahead.

And Mum takes care of *future* underarm odor the way your shower takes care of *past* perspiration. Just half a minute to apply and its protection lasts all day or all evening. Mum's safe, too. Won't harm your shirt or your skin. Won't dry out in the jar or form irritating crystals. Get Mum, Friend. Use it, and you can be sure of this: You'll never lose a sale or offend a friend because of underarm odor. Get Mum today.



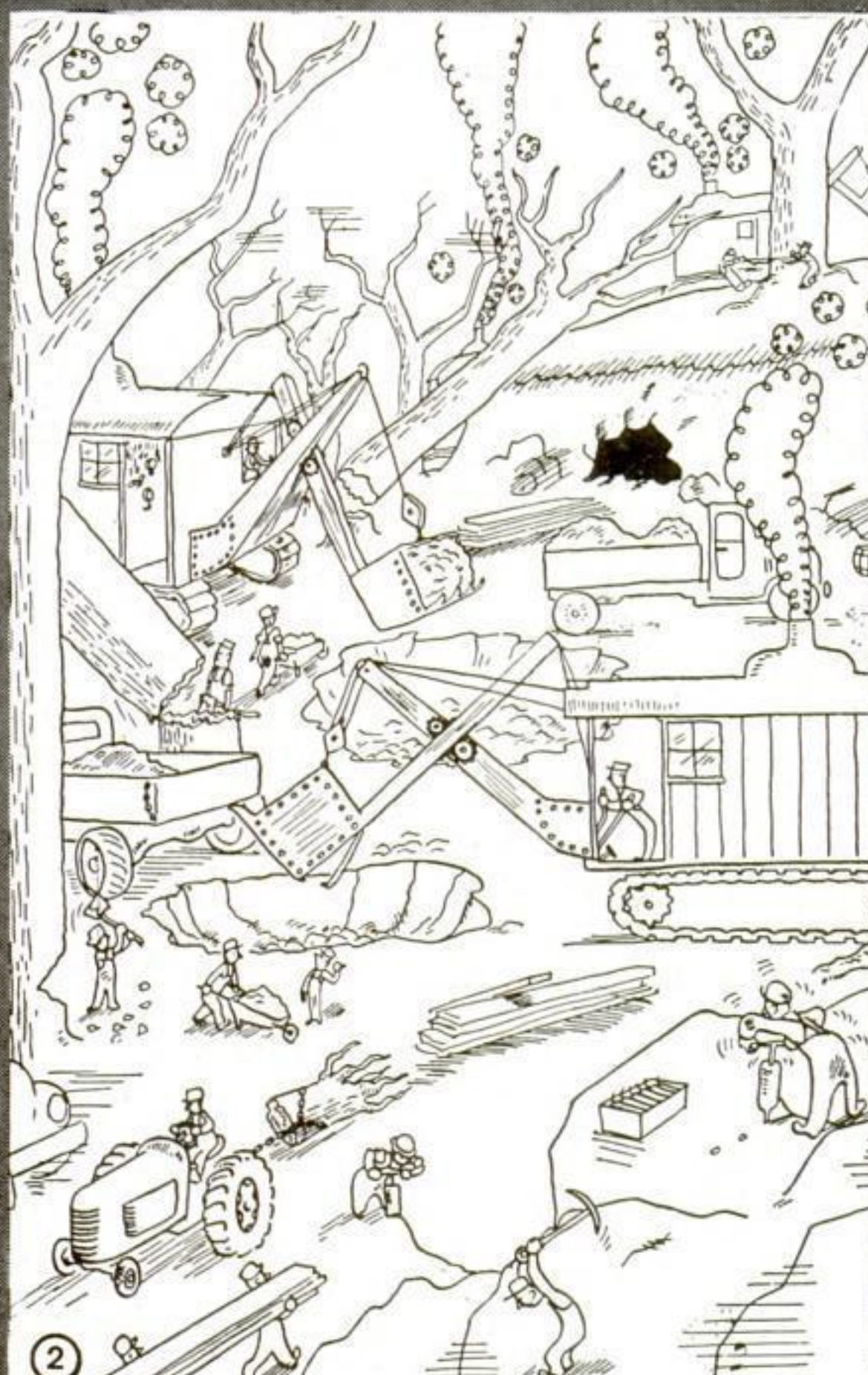
Product of Bristol-Myers

Mum helps a man
make the grade



①

A HAPPY BEAR starts his adventures by waddling into hibernation in the fall, as is his custom.



②

WHILE HE SLEEPS workmen arrive and build a big factory right over the bear's cave. The factory is completed by spring.



③

RUDE AWAKENING comes when he trundles into the open and finds his forest has changed.

SPEAKING OF PICTURES...

... PARABLE OF CONFUSED BEAR CONFUSES THE CRITICS

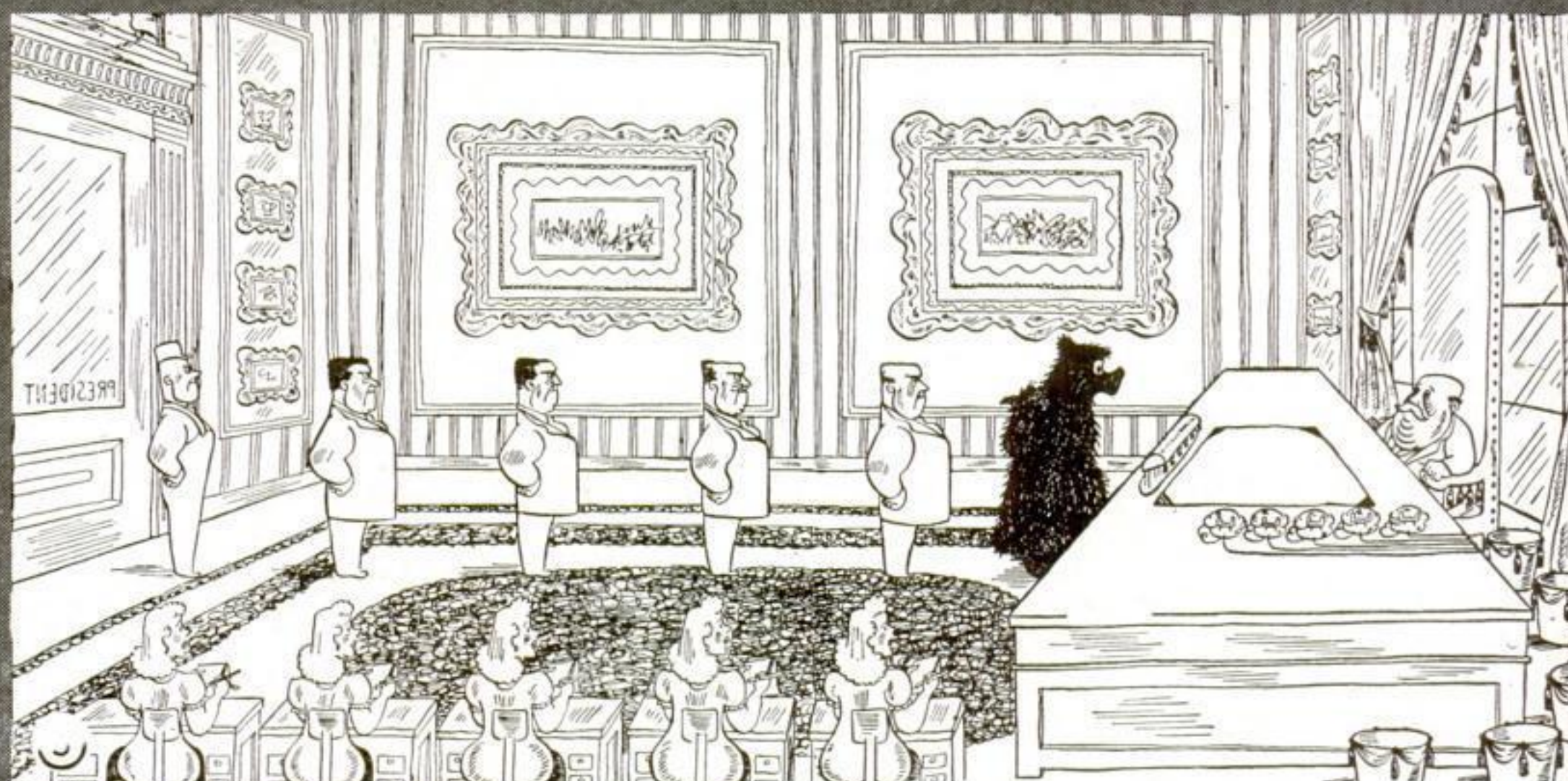
The most bewildered bear in the world this spring is the cartoon creation in Frank Tashlin's book *The Bear That Wasn't* (E. P. Dutton & Co., \$1.25). As this pictorial synopsis shows, Tashlin's hairy hero was quite understandably befuddled. So were the readers once all the book critics were through with the question of whether the book was children's reading or adult satire. Said the *New York Times*, "... The story lacks the sharp

thrust of true satire." But the *Saturday Review of Literature* called *The Bear* a 20th Century manifestation of the delicately satiric Comic Spirit of British Novelist George Meredith and added, "... Tashlin's book has a significance beyond its text, its pictures, or its message." Disturbed by the confused bear and confused by the disturbed critics, the ordinary readers quietly began to wonder if they themselves were not really smooth-shaven bears.



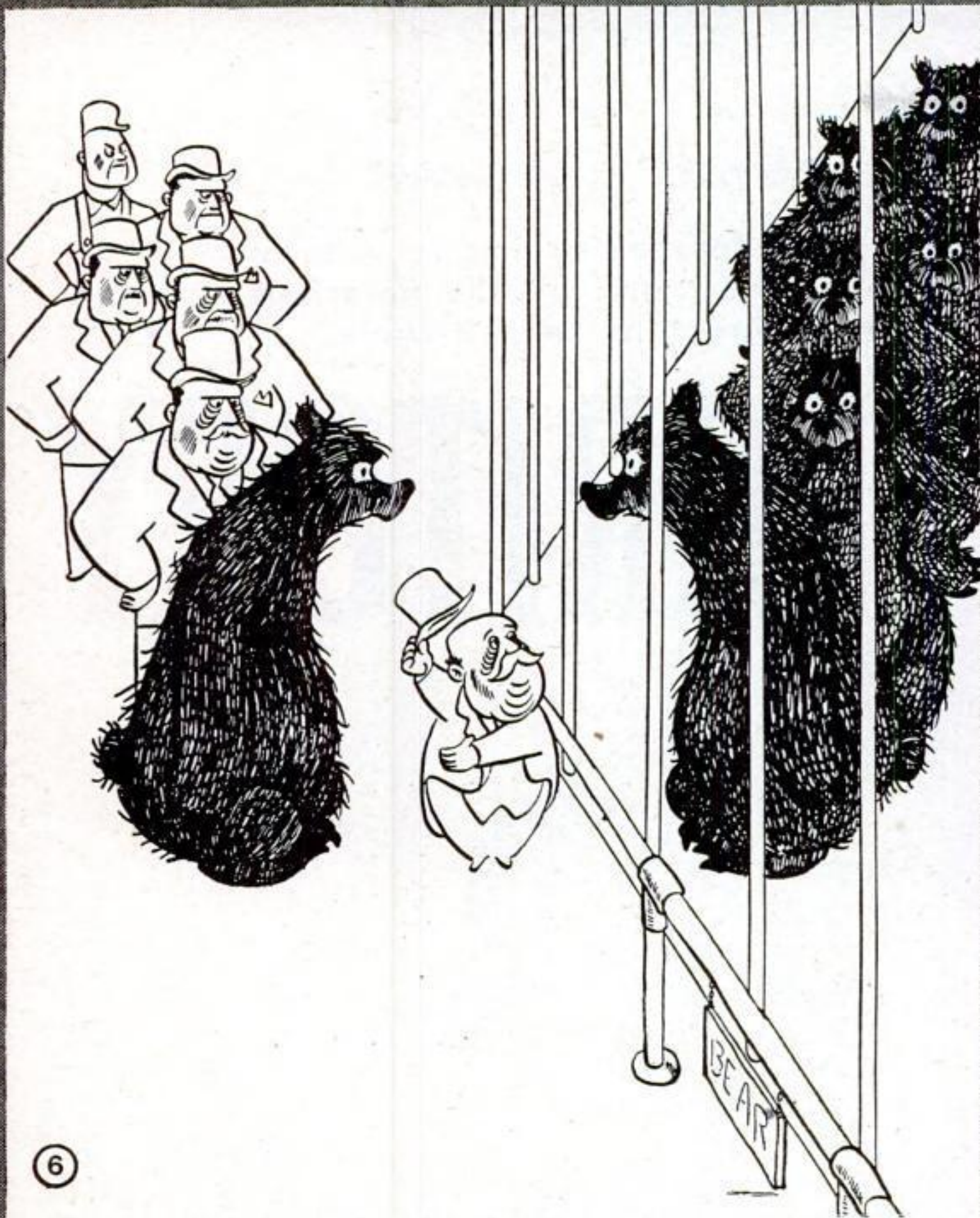
④

THE FACTORY FOREMAN, thinking he is a worker in a fur coat, orders him back to his job.



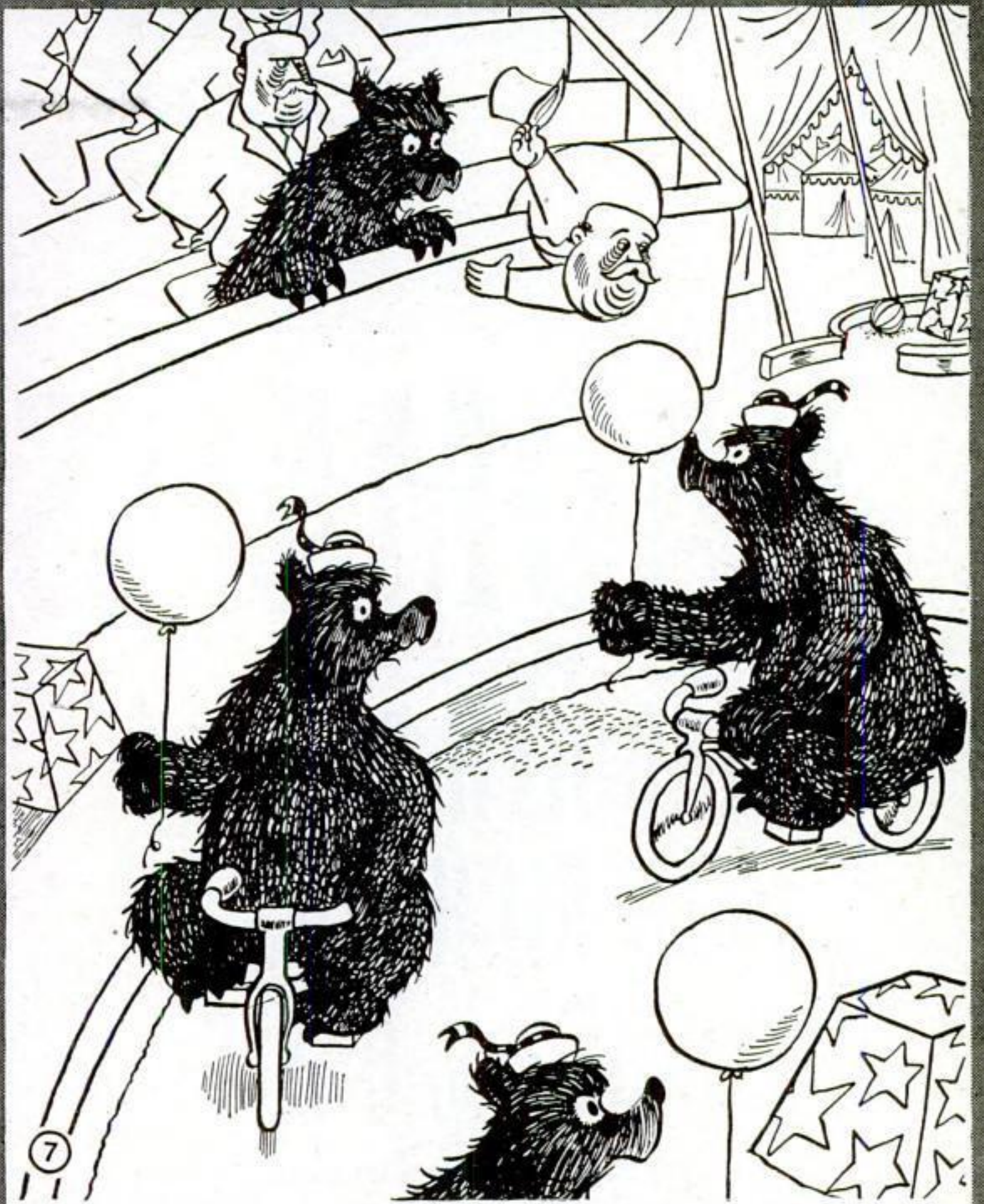
HE GOES THROUGH CHANNELS all the way up to president of company. He insists he is a bear. Officials

insist he is a silly man in a fur coat who needs a shave. The president decides the matter needs further investigation.



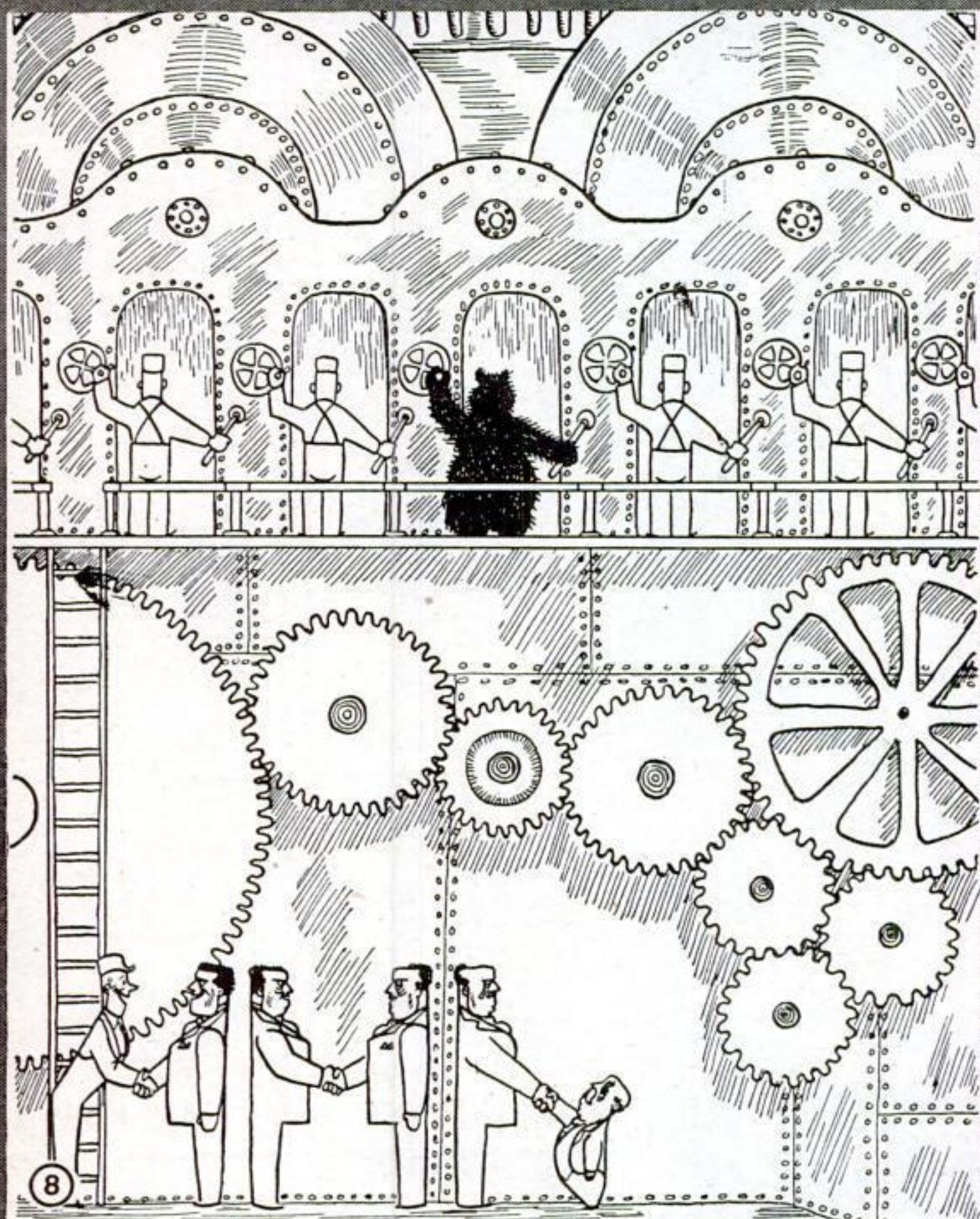
6

AT THE ZOO president and officials ask the bears what they think. They ponder, conclude the bear is not a bear. If he were, he would be on their side of the bars.



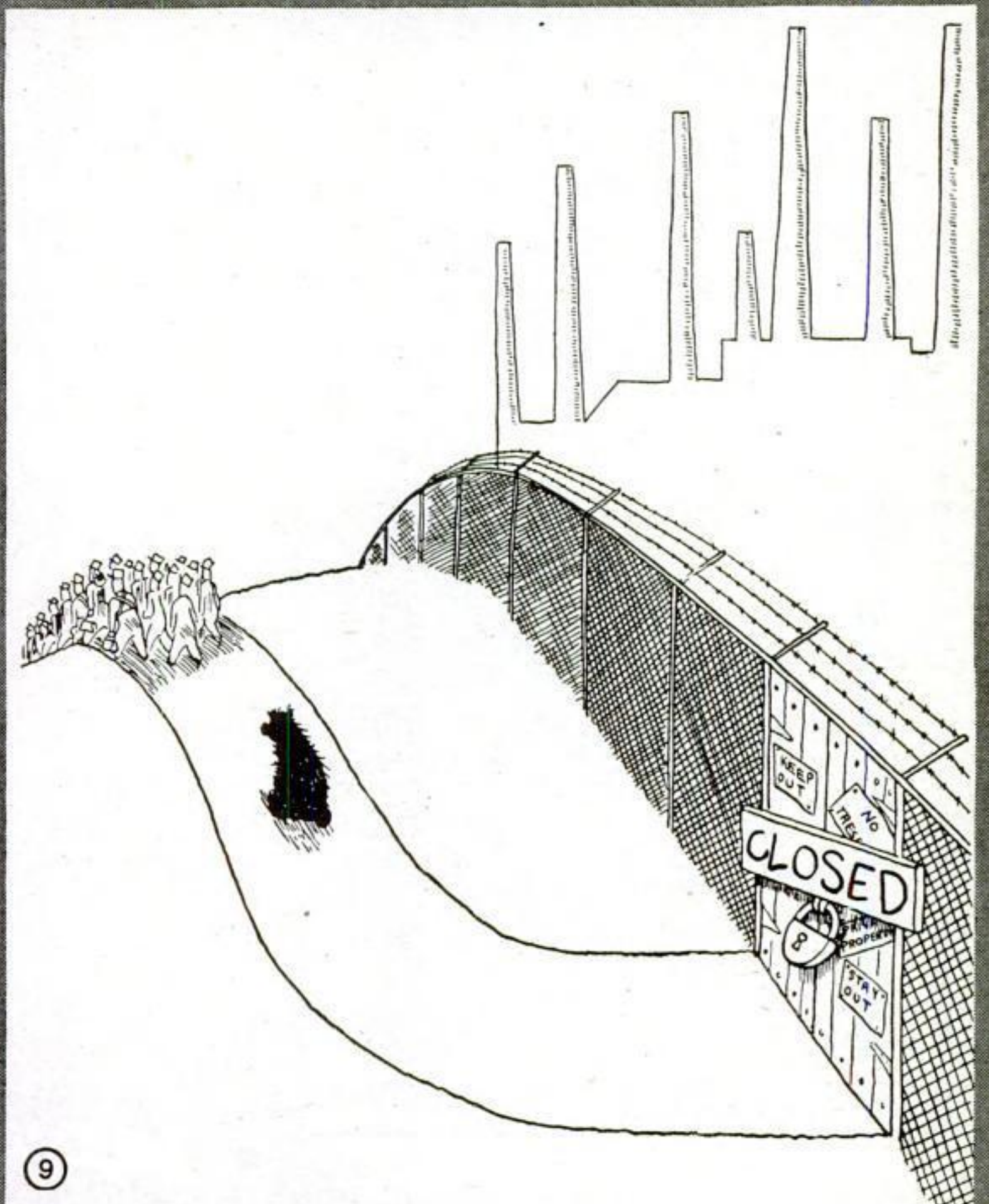
7

AT THE CIRCUS he gets last chance. But circus bears righteously maintain that since he does not have a silly hat, balloon or bicycle, he cannot possibly be a bear.



8

THE BEAR GOES TO WORK, convinced that he is really a silly man in a fur coat who needs a shave. Officials congratulate themselves on solving a tough problem.



9

WHEN THE FACTORY CLOSSES months later, the bear is paid off with the others. Still convinced he is a man, he waddles back to his own kind of civilization.

Greatest Frontier Saga *SINCE "CIMARRON"!*

The screen tells it for the first time . . . a town
outside the law . . . and all the notorious
badmen who fought to keep it there.

BADMAN'S TERRITORY

Starring

RANDOLPH SCOTT
ANN RICHARDS
GEORGE 'Gabby' HAYES

Produced by NAT HOLT • Directed by TIM WHELAN

Original Screen Play by JACK NATTEFORD and LUCI WARD

AN RKO RADIO PICTURE.



THE
QUINTO
CITIZEN

ASSAYER

Wanted



JESSE JAMES

Wanted



FRANK JAMES

Wanted



BILL DALTON

Wanted



BELLE STARR

Wanted



GRAT DALTON

Wanted



BOB DALTON

Wanted



HANK MCGEE

Wanted



SAM BASS

See them ALL
...IN ACTION
...IN ONE PICTURE!

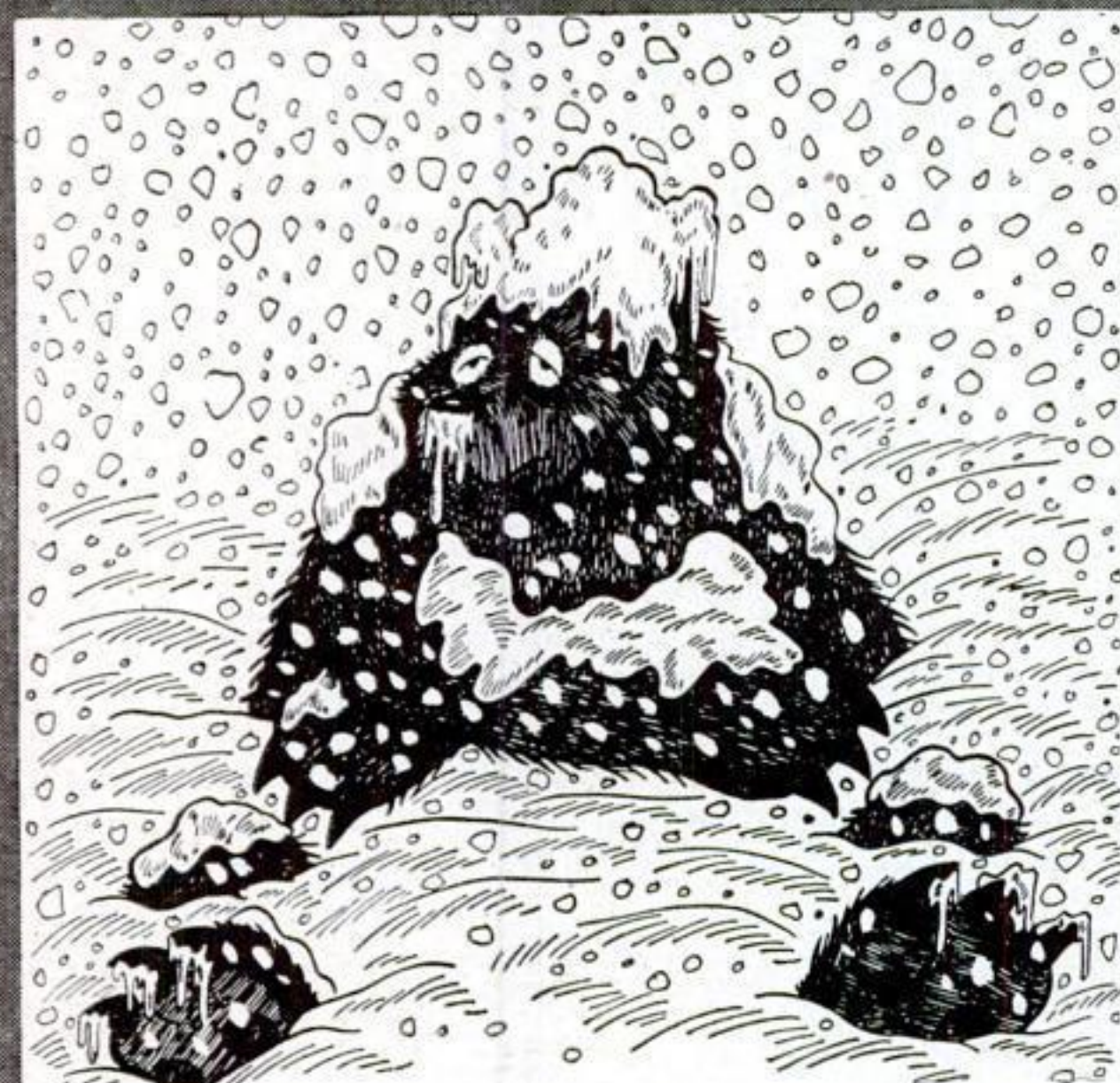
RKO
RADIO
PICTURES

SPEAKING OF PICTURES

CONTINUED



WHEN AUTUMN COMES the bear starts automatically for his cave but suddenly remembers he is not a bear, cannot hibernate.



WINTER COMES and the bear, knowing what bears do but not what men do in winter, almost freezes. Doubts begin to assail him.



FINALLY HE GOES BACK to his cave, having decided he was right all along. Folding his paws, he sinks into blissful hibernation.



If Life's Grim Without a Him—

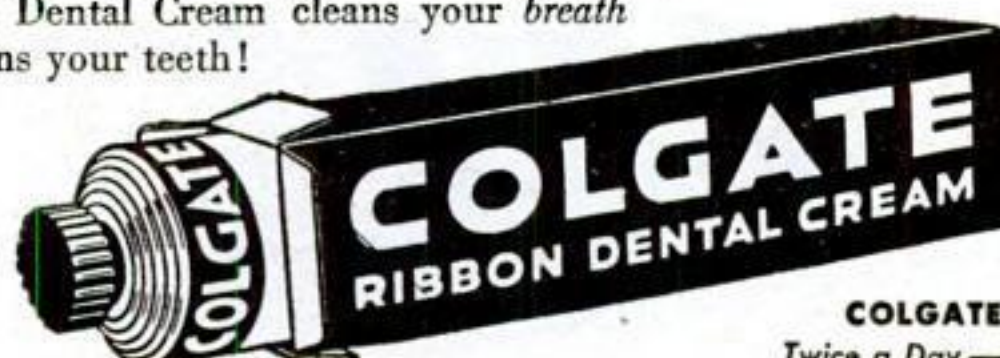
Remember—



Colgate Dental Cream Cleans Your Breath While It Cleans Your Teeth!

DON'T take unnecessary chances with your breath! Use Colgate Dental Cream twice a day and before every date. Colgate's active *penetrating* foam gets into hidden crevices between teeth—helps clean out decaying food particles—stop stagnant saliva odors—remove the *cause* of much bad breath. And Colgate's soft, safe polishing agent cleans teeth thoroughly yet gently—brings out their natural sparkle and beauty! Yes, Colgate Dental Cream cleans your *breath* while it cleans your teeth!

SCIENTIFIC TESTS PROVE THAT IN 7 OUT OF 10 CASES, COLGATE DENTAL CREAM INSTANTLY STOPS BAD BREATH THAT ORIGINATES IN THE MOUTH!



Use
COLGATE DENTAL CREAM
Twice a Day — and Before Every Date

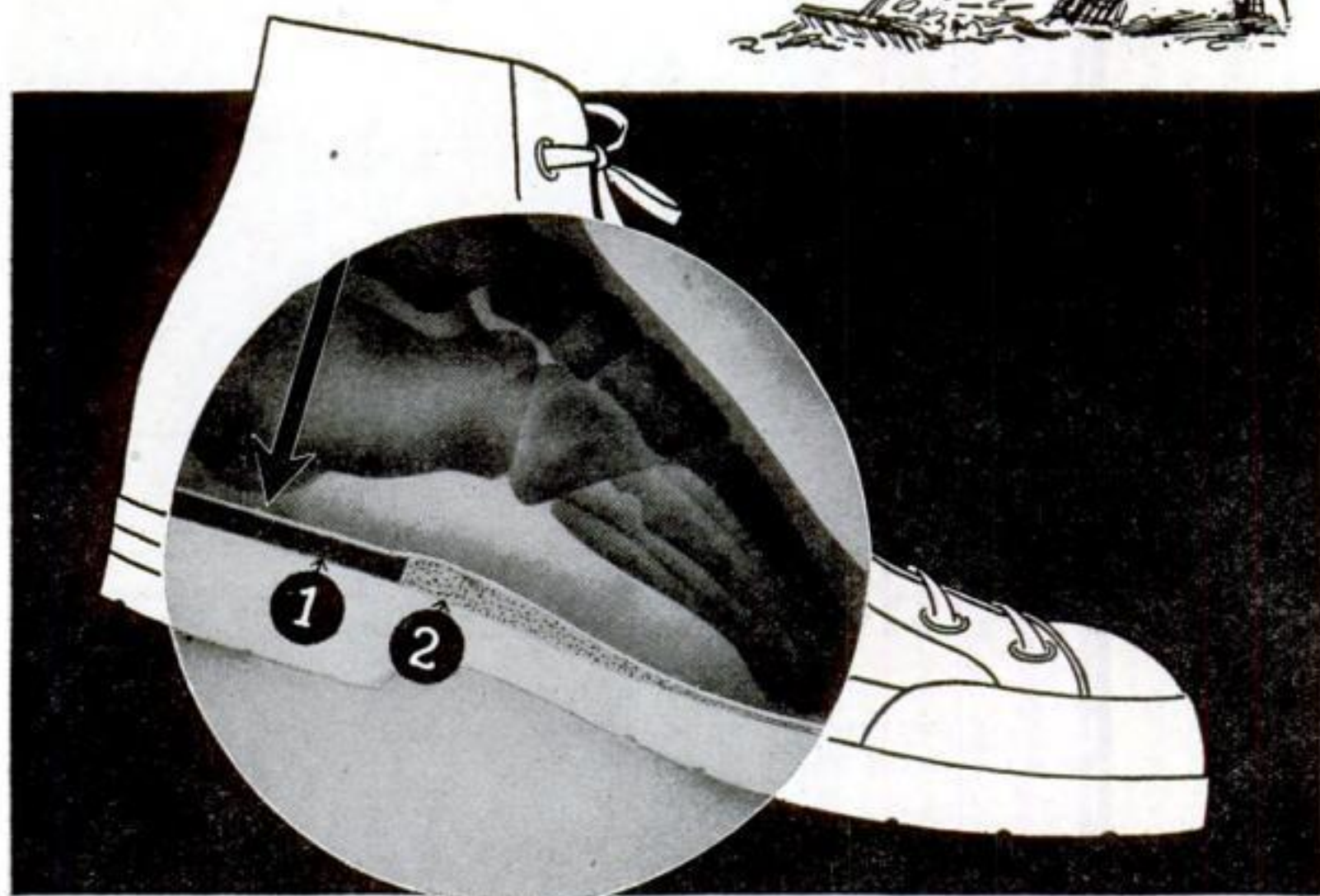
"P-F"

Why **P-F** makes so much difference in Canvas Shoes!



1. Guards against flat feet.
2. Promotes good posture.
3. Decreases muscle strain and fatigue.

When you put on a pair of canvas shoes made with "P-F" (Posture Foundation), you can actually feel the difference! "P-F" provides proper orthopedic support in a completely flexible canvas shoe. The result is increased foot comfort and less foot fatigue—a basic improvement in canvas shoes!



● This X-ray diagram shows how "P-F" works. (1) The orthopedically-correct rigid wedge keeps the bones of the feet in their natural, normal position. (2) The sponge rubber cushion prevents tiring pressure on the sensitive area of the foot. Once you've tried a pair of canvas shoes with "P-F", you'll never be satisfied with ordinary canvas shoes again.



"P-F" means Posture Foundation

—a Patented Feature found only in canvas shoes made by
B. F. Goodrich or HOOD RUBBER CO.

LIFE'S REPORTS



ILLEGAL SUITCASE "SHOP" operated by Chinese urchin trades puppet dollars for U. S. currency. Slate lists daily "buy" and "sell" rate of exchange.

SHANGHAILATION

China's crazy inflation has gone utterly insane

by **RICHARD E. LAUTERBACH**

SHANGHAI

"One part frustration, one part inflation, two parts speculation, shake well for Shanghailation."

Among the postwar money-mad cities of the world Shanghai is definitely schizophrenic. Money is everything and at the same time it is nothing. A man does not feel rich if he has several million dollars in the bank—he would rather have several thousand piculs of rice in his godown, or warehouse. Nobody invests in money, at least not in Chinese money. If a Shanghailanders feels exceptionally well he says, "I feel like a million dollars—U. S." If he just looks good but doesn't feel particularly good, he says, "I feel like a million dollars—C. N." (A Chinese dollar, C. N. C.—Chinese National Currency—is worth approximately 1/2,000 of a U. S. dollar.)

This fine disdain for paper currency doesn't prevent those who have some from trying to make more. In fact the only thing that can keep pace with Shanghai's frenetic inflation is Shanghai's frantic speculation.

"You cannot stop speculation in Shanghai any more than you can stop war," a White Russian merchant philosophized. "If you dropped an atomic bomb on the center of Shanghai today the survivors in the suburbs would be buying and selling radioactive calcium powder tomorrow."

The White Russian picked at his three gold teeth and launched into the modern classic about Shanghai speculation. A case of sardines was repeatedly bought and sold at steadily soaring prices—always by means of a paper transaction. Finally one buyer asked to inspect the case of sardines. A prolonged search turned it up at the bottom of a godown some miles from Shanghai. The latest buyer pried open the box, smacked his lips, then peeled back the cover of a can. The sardines were spoiled. Enraged, the buyer stormed into the office of the reputable merchant who had sold him the case, charging fraud. The reputable merchant became equally enraged. "You idiot," he cried, "everyone knows those sardines are not for eating but only for buying and selling!"

Experienced Shanghailanders scoff at such stories and say that present speculation is no worse than it has always been. It just seems much dizzier than usual because, like everything else in

CONTINUED ON PAGE 18

TO BE CONTINUED...



MAL: Come on, now. You'll have to admit I did a good job for you when I designed that new linen shelf—

MARY: Mmm. It's a beauty. But *any* linen closet would seem beautiful to me with some new Pepperell Sheets on the shelf!

MAL: Oh, well. Anything that makes you look that happy is OK with me . . .

MARY: Then we're both pleased. You see, I just don't want any other kind of sheets *but* Pepperells. And so many other women have the same idea—

MAL: But what's so special about those particular sheets?

MARY: Plenty! Pepperells are such practical luxuries, the beautiful sheets with the wear woven in. I can always depend on them to be still lovely after such long wear! That's why I bought some more like our wedding-present Pepperells—

MAL: Could be your smart shopping helps keep our marriage a continued story, pet—

MARY: Oh, Mal, that's my cue to promise I'll *never* use any other kind of sheets but Pepperell Sheets!

We know the stores don't have all the Pepperells everybody wants, but we're making more as fast as we can. And remember, there's no extra charge for famous Pepperell quality. Keep asking for Pepperell's luxury muslins, carded percales, and Peeress—one of the finest combed percales at any price. Find out for yourself why more women know Pepperell Sheets than any other sheets they can buy! *Pepperell Manufacturing Company, Boston, Massachusetts.*



Pepperell Sheets are super smooth, extremely long-wearing—finished with fine-stitched hems, Tapered Tape Selvages, "Tellmark" Tabs. Pepperell's factory-sealed carton keeps new sheets clean, ready for bed!

PEPPERELL *Sheets*

PEPPERELL
FABRICS
REG U.S. PAT. OFF.

and Blankets

LADY PEPPERELL • • • DUCHESS • • • COUNTESS • • • ABBOTSFORD

New ink hits at pen troubles before they start!

ONLY PARKER QUINK CONTAINS SOLV-X!

"MY PEN WAS A QUITTER
—TILL I GOT QUINK!"

"Was I mad at that sputter-bus! During exams it often clogged and wouldn't write. Now, thank goodness, I'm hep to Quink with pen-protecting solv-x. My troubles are gone. My pen flows freely."



"SOLV-X IN QUINK CLEANS
MY PEN AS IT WRITES!"

"What an ink! They tell me high-acid inks cause 65% of all pen troubles and damage vital parts. But this Quink contains solv-x to prevent metal corrosion and rubber rot. It gets my vote."



"NO OTHER INK HAS
THIS MAGIC SOLV-X!"

"No wonder this Quink with solv-x is America's fastest-selling ink. I tell my customers it's a real pen and temper saver. And it costs no more than ordinary inks. Try it. You'll find it brilliant and fast-drying... best for steel pens and fountain pens."



Solv-x in Parker Quink guards pens 4 ways:

1. Ends gumming and clogging. Gives quick starting, even flow.
2. Cleans a pen as it writes... keeps it out of the repair shop.
3. Dissolves and flushes away sediment left by ordinary inks.
4. Prevents metal corrosion and rubber rot always caused by high-acid inks.

Quink comes in 4 permanent, 5 washable colors. Regular size 25c, School size 15c. Also in pints and quarts. The Parker Pen Company, Janesville, Wisconsin, and Toronto, Canada.

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PARKER Quink THE ONLY INK CONTAINING SOLV-X!

LIFE'S REPORTS CONTINUED

Shanghai except the pavements, it is tied to an astronomical inflation spiral comparable to Germany's in the 1920s.

Using 1936, Shanghai's last prewar year, as a base, one finds that by the end of February of this year food costs have risen roughly 1,900 times, housing costs 543 times and clothing costs 3,461 times. Despite the recent government gestures to achieve stabilization, the kite strings of inflation are still unslacked. The general cost-of-living index increased 40% more during the first ten days of March.

Thus far wages have inched up about 500%, which makes it obvious that Shanghaianders have to starve a little, operate a "squeeze" or do a little speculating to bring both ends within meeting distance. Americans, who in past years have reaped the benefits of foreign exchange, are no exceptions to the new lack of rules. That good old stand-by, the American dollar, is buying only 20% as much as it did before the war in Shanghai.

The only price control which works in Shanghai is the ceiling on rents. The municipal government has thoughtfully stipulated that landlords can increase rents only 60 times over prewar figures. But a little thing like a regulation does not prevent eager landlords from rubbing their thumbs and forefingers together in the familiar Shanghai gesture. Just a few days ago a family was lucky enough (or did enough bribing) to obtain a pretty fair five-room apartment boasting what the Chinese call *weisheng she' pei*, or "hygienic establishments" (toilets which may be flushed). The rent was nominal but the family had to pay the landlord \$4,500 U. S. as *ting fei*, or key money. This practice has become a universal and reluctantly accepted custom. I asked a Chinese landlord how he'd define *ting fei*. Blandly he replied, "A deposit which is not returnable."

Speculation in places to sleep is not confined to regular landlords. The "have nots" will proposition any "have" in an attempt to buy a lease. A friend of mine who lives in a compact two-room suite on accessible Nanking Road was offered \$8,000 in gold bars as *ting fei* if he'd move out. My friend is willing to move, but not for less than \$10,000 gold.

Anyone lucky enough to have an apartment protected by the 6,000% increase ceiling

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You Owe it to Your Records to use Meritone Needles!



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BEST by TEST for High Fidelity

Unlike ordinary ground needles, MERITONE needles, of fine highly polished Swedish steel, are turned on high precision machines to velvet-smooth rounded points... float in the grooves... preserve your records. Each plays 12 or more records with exceptional fidelity, without surface scratching, noise or chatter. Get the best—get MERITONE!

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CONTINUED ON PAGE 21

EVEN A DUMB HUSBAND CAN'T MISS WITH BORDEN'S
INSTANT COFFEE—AND THE TREAT'S ON
BORDEN IF IT ISN'T AS GOOD AS YOUR
FAVORITE GROUND COFFEE!

SA-AY... THIS IS A TREAT!
BUT WHEN DID YOU LEARN
TO MAKE GOOD COFFEE?



Money back if Borden's doesn't taste as good as your favorite ground coffee!

Let's put it on the line. You know the convenience of instant coffee. But the one thing you *really* want to know is, "Will it taste as good as my favorite ground coffee?"

We answer that by making this offer. Either Borden's has it—or the treat's on us!*

The reason we can make this offer is that Borden's is *the real thing*. It's all coffee, grand coffee, nothing but coffee. And, by a special process, every bit of roaster-freshness is sealed in—without the addition of non-coffee ingredients!

Of course, Borden's is convenient. No pot, no grounds, no wait, no waste. But the real

news is flavor—rich, mellow, full-bodied. Get a jar of Borden's at your grocer's today.

Borden's is different from any instant coffee you ever tasted! That's why we can make this money-back offer. But remember—

There are two completely different types of instant coffees. One is the "café" type, sometimes called coffee "product." It is a mixture of coffee and other ingredients, such as dextrose, maltose, and dextrans. The other, represented by Borden's, is 100% pure coffee, nothing else added.

Both cost about the same per cup on your table—*regardless of difference in size of jar or price at store*. You want convenience, but you want *flavor*, too. Borden's *has it*—the flavor of your favorite ground coffee.



Makes as many
cups as a pound
of ground coffee


If it's Borden's



it's got to be good!

© BORDEN CO.

* Use at least half a jar of Borden's. Then, if you don't agree it tastes as good as your favorite ground coffee, send us the jar with the unused contents, and we'll cheerfully refund your money. The Borden Co., 350 Madison Ave., New York 17, N. Y.



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New popular-priced Hoover
has the beauty, the features, and the cleaning ease
that meet the 1946 cleaning needs of busy women
. . . quality-minded women.

See it at your Hoover dealer's or
in your own home.

WARTIME LESSON

Hoover peacetime service continued
on a 48-hour basis during the war.
That built new respect and friendship
for the Hoover Cleaner. Before buy-
ing any appliance, ask yourself if
it has an honest service behind it.

Cleaning tools
plug in easily here →

THE HOOVER

IT BEATS • AS IT SWEEPS • AS IT CLEANS
THE HOOVER COMPANY, NORTH CANTON, OHIO
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New type DEODORANT ENDS PERSPIRATION WORRIES

1. A new type fluffy-light cream that stops under-arm odor, checks perspiration safely.

2. Easier to use—goes on quicker—disappears in a jiffy. Leaves no sticky film.

3. Will not harm your clothing. Antiseptic and soothing to use in under-arm areas.

4. Economical—gives more for your money than other leading brands. Buy Etiquet today at any toilet goods counter.



10¢ AND
39¢
plus tax

it's **Etiquet**
Formula Patented
No other like it



LIFE'S REPORTS CONTINUED

must still shell out for other living costs. An American couple figured out that their living expenses, mostly food, cost them \$800 last month. Any U.S. housewife who wonders how a couple could spend \$800 a month might ponder these sample Shanghai prices: one scrawny chicken for four, \$3; a pound of American coffee, \$3.50; one pair of nylons, \$35; cigarettes, \$6 per carton. These are not black-market prices. The cigarettes, for example, cost the importer \$2 a carton to land here from the States with duty and shipping charges. The wholesaler sells them to the retailer at \$3, who then doubles the price and sells them to the consumer.

Until General Wedemeyer cracked down on them recently, U.S. troops stationed in China were making free with enterprise in a big-business way. One GI almost succeeded in tying up all future cosmetic delivery contracts to give himself a virtual monopoly in China. An officer who purchased foodstuffs for the Army made more than \$1,000,000 worth of contracts on the side in anticipation of establishing his own export-import business after discharge from the Army. Before civilians could fly ATC or Chinese National Aviation Corporation between Shanghai and North China, a private who knew furs and flew regularly from here to Tientsin on Army duties bought up furs for a Shanghai dealer and cut himself into every transaction for a healthy commission. Other GIs without wings remained in Shanghai and invested their moneys and talents in bars and nightclubs.

The oldest Army game in China, until Wedemeyer's ban made it slightly more dangerous than profitable, was money exchange. With China's currency fluctuating like a malarial chart, GIs who knew the curve of expectancy cashed in while ostensibly ferrying Chinese troops from the interior and Shanghai northward. They bought Chinese dollars in Kunming at 2,000-to-1, sold them in Peking at 500-to-1 U.S. dollars, bought gold bars in Peking for \$450 and then sold them in Shanghai at \$700. With their profits they returned to Kunming and started their deal all over again. Now, with relative currency stabilization and stricter Army supervision, profit-minded privates are taking their discharges in China and joining

Back comes tissue-weight for your favorite Foundette pantie girdle. Such super two-way stretch, made of Lastex* yarns! Such wonder fabric...added to our special knack of smoothing and shaping you closer to your ideal. Designed especially for figures that want to stay young... and sold at better corset departments everywhere.

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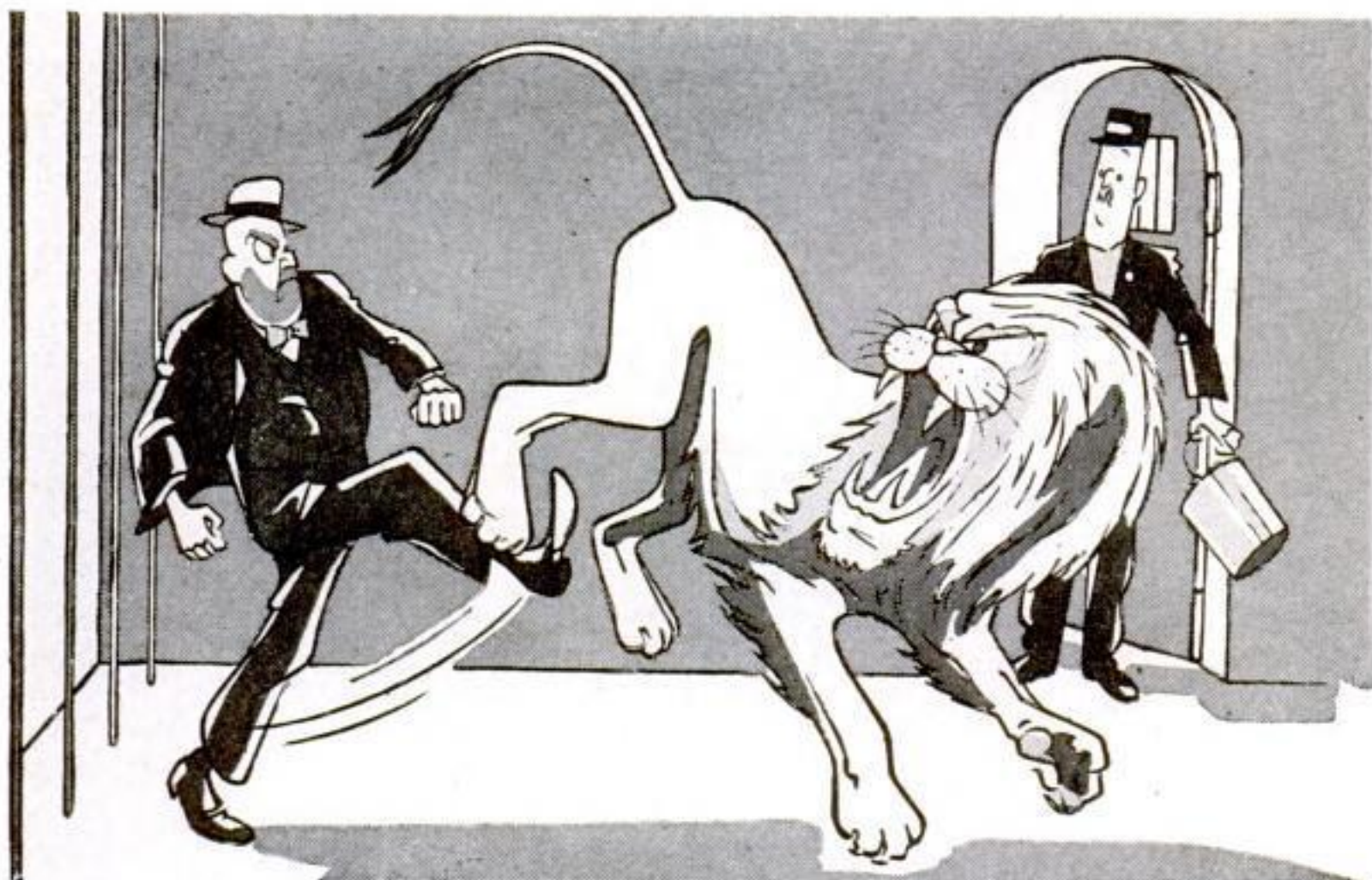
There's a Future for Your Figure in Foundettes

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MUNSINGWEAR

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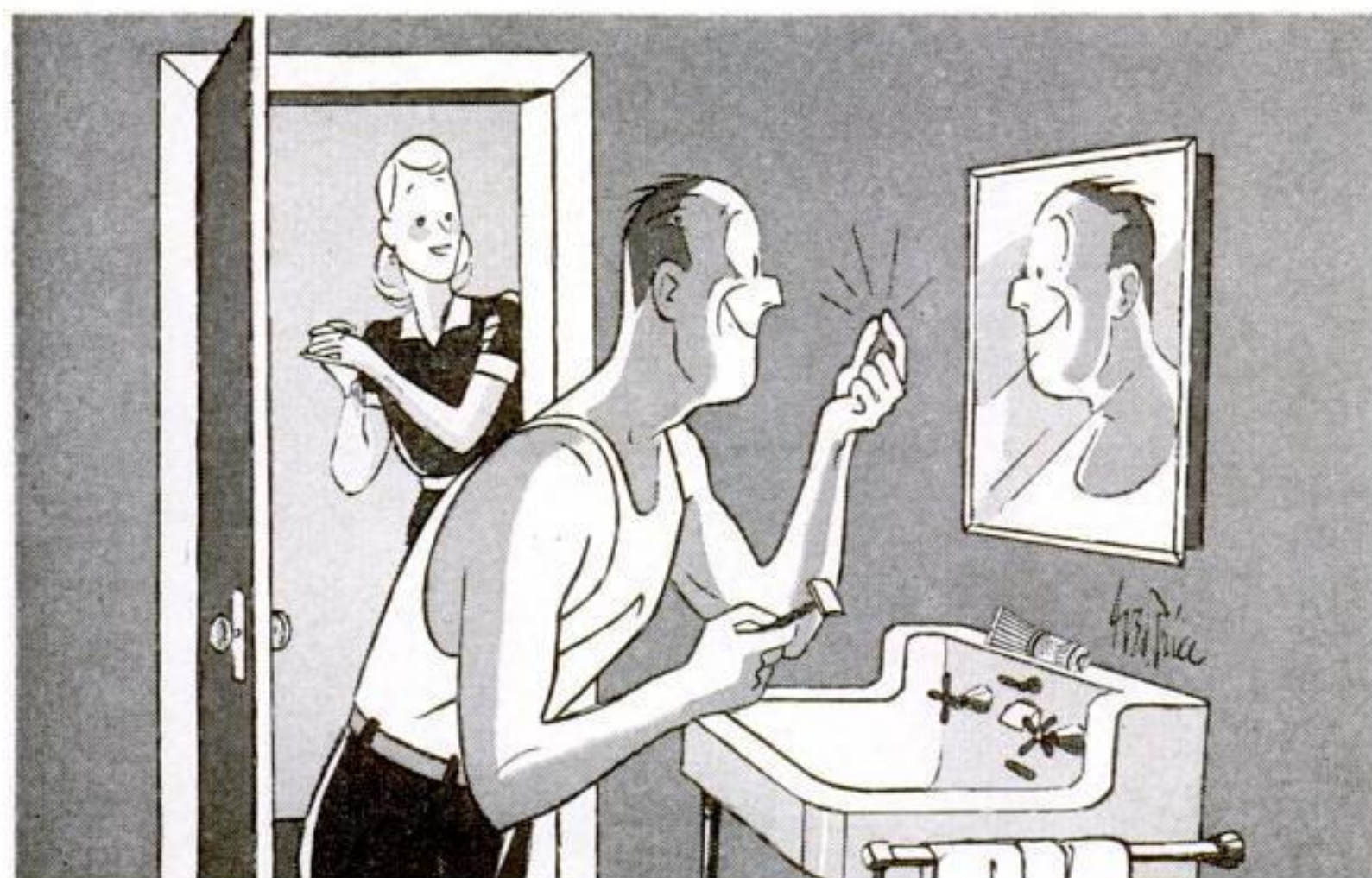
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Rather kick a lion than shave?

DO YOU SCALP your face instead of shaving it? Do you dread the whole idea? If so, you have that old combination peculiar to husky,

vigorous manhood—wiry whiskers and tender skin. And, brother, can it sting! But it doesn't have to. Do you know what you need?



You need a heavier cream to shave a tender skin

AND MOLLÉ is a heavier cream . . . a brushless cream that makes duck soup of the heaviest beard, and child's play of a lighter one.

Because it is heavier, it not only softens your whiskers, it holds them

up straighter—so your razor just drifts through them. You shave faster, you shave closer, you shave easier, and you shave painlessly when you use Mollé. Try it. Pronounced "Mo-lay."



LIFE'S REPORTS CONTINUED

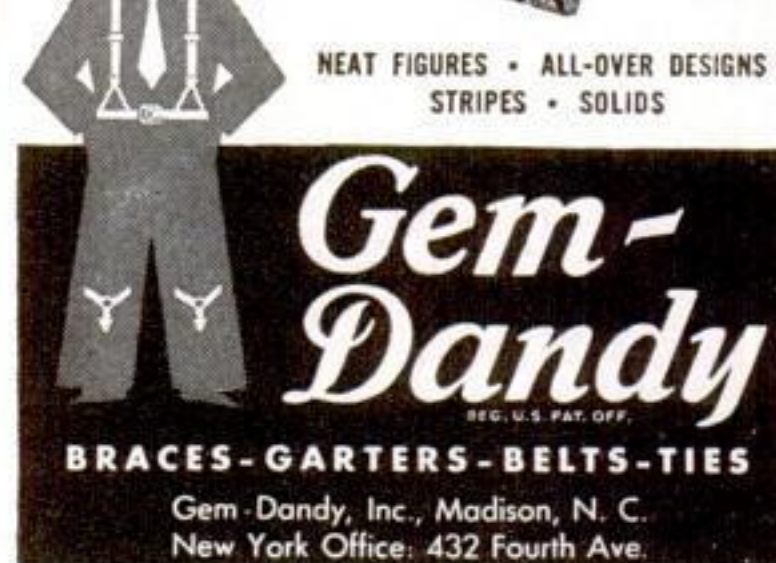
organizations like UNRRA so they can run their own side squeezes with impunity and immunity.

"In Shanghai there are black markets, a black black market and a black black black market," a foreign stockbroker said. It is illegal to trade in gold bars, U. S. and Chinese dollars, but it is done quite openly on every street in downtown Shanghai. That is just a common black market.

The "black black market" is conducted on a less open basis, and it is usually necessary to have a contact to be able to deal on this level. The "black black black market" is something nobody wants to talk about, even if they recognize that it exists. It seems, just for example, that UNRRA sells flour to the Chinese National Relief and Rehabilitation Administration, which sells it to the public, or what passes as the public, for \$9,000 C. N. C. per picul (133 $\frac{1}{3}$ pounds). Somehow the flour finds its way up the coast by junks to Tientsin, where it is sold at \$20,000 C. N. C. The government does not interfere with this process because otherwise, they argue, Tientsin would not get any flour since the government has no shipping and the railroads are not running and the American planes have no gas and no maintenance crews.

Very few Chinese are happy over the Shanghai boom except those who have had so much money for so long that they have stopped counting their happiness in dollars, U. S. or C. N. C. The little man who cannot afford key money and the little woman who never sees the flour UNRRA sent her are not happy. Mr. Wang, the over-strained, stubby, shy-faced secretary to Shanghai's harassed food commissioner, summed it all up this way, "It is nonsense, you know. I buy goods for one million dollars and sell it for two million. Then suppose I buy something else at two million and sell it at four. You say I make three millions on my one. Then suppose I want to buy the first thing again. It now costs five million. So I lose one million. How can do?"

The thing which capped Shanghai's fantastic inflation was a recent strike of 2,000 banknote printers. They walked out, halting the flow of printing-press money from four large plants. The strike issue was simple. The printers want more money.



ARE YOUR TEETH HARD TO BRYTEN?



Special Dentist's formula works longer to Safely Bryten Teeth!

Here's why teeth that are hard to bryten need the longer cleaning and polishing action of Iodent No. 2. Unlike many ordinary dentifrices, Iodent does not foam up or disperse when you brush your teeth. It contains millions of tiny particles scientifically treated to prevent disintegration . . . to last longer . . . clean longer. As long as you brush your teeth Iodent continues to clean and polish.

To restore the natural sparkle to your teeth get Iodent No. 2 today! It's safe. Made by a Dentist. Tooth Paste or Powder.

IODENT

Millions with teeth easy to bryten—especially children—use Iodent No. 1



AND THERE, BUT FOR GEORGE BROWN, GO I—

MANY successful men . . . looking down from a favorable position today . . . can thank the hundreds of Sonotone Consultants whose patient hearing care through the years has enabled them to make full use of their real ability and training.

The very nature of the Sonotone Consultant's work makes him in part responsible for the lasting success and happiness of the people whom he serves . . . *because he accepts the responsibility of doing all he can to keep them hearing!*

It's not always an enviable position that this Consultant holds. At times it is definitely a "spot" . . . During the war, for instance, when in spite of manpower, gasoline and battery shortages and production limitations, he still did two men's work, often hiked on foot to help his Sonotone users, and "sweat it out" to keep their hearing on the job.

But "George Brown" enjoys unusual rewards! For instance, the pleasure of bringing people hearing

of the very finest quality . . . even helping many who never before could wear a hearing aid . . . through the greater power and closer fitting to individual hearing needs of the new Sonotone "600"!

The *never-ending* satisfaction of bringing such important hearing aid improvements from Sonotone's laboratories (world's largest laboratories devoted exclusively to hearing aid research and service). And, of course, the frequent letters which say in effect . . . *If it hadn't been for Sonotone and the patient care of your Mr. Brown, I couldn't hold a responsible job today!*

1 1 1

There are 250 Sonotone offices, 1511 regularly held Sonotone Hearing Centers, and hundreds of hard working Consultants offering you their constant service across the continent. Look in your telephone directory or write Sonotone, Elmsford, N. Y. In Canada—Sonotone, 229 Yonge Street, Toronto. Offices in principal cities of the world.

THE AMAZING BI-FOCAL CONTROL →



SEND FOR
FREE BOOKLET

"Hearing Through the Years" tells how Sonotone works to help you. Address Dept. F, Sonotone, Elmsford, N. Y.

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SONOTONE "600"

WEAREVER
De Luxe

50 YEARS OF
FINE PEN MAKING
GIVE YOU THIS GREAT
PEN FOR ONLY

**ONE
DOLLAR**

BY AMERICA'S
LARGEST
FOUNTAIN PEN
MANUFACTURER

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AT DEPARTMENT, CHAIN
AND STATIONERY STORES

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VOL. 20, NO. 16

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APRIL 22, 1946

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LIFE'S PICTURES

After taking the pictures of the baseball school on pages 74 to 76, LIFE Photographer Nat Farbman traveled 5,000 miles to Greece to cover the Greek elections (pp. 40-42). This was Farbman's first overseas LIFE assignment, the start of a series which will keep him in the Mediterranean area for several months. With Farbman is his pretty wife, Pat English, once a model and now a photographer too.

The following list, page by page, shows the source from which each picture in this issue was gathered. Where a single page is indebted to several sources, credit is recorded picture by picture (left to right, top to bottom) and line by line (lines separated by dashes) unless otherwise specified.

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LIFE'S COVER

Shown in her Latin class in Denver's East High School is Marilyn Rights, one of 7,000,000 high-school students whose course of study is undergoing serious examination by U.S. educators (see pp. 87-93). A junior at East High, Marilyn is 16 years old, likes U.S. history more than her other subjects. She spends 14 hours a week, in addition to her schoolwork, studying piano and singing, which she wants to make her career. Even more than a career, she wants a riding horse.

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getting out
early for!*



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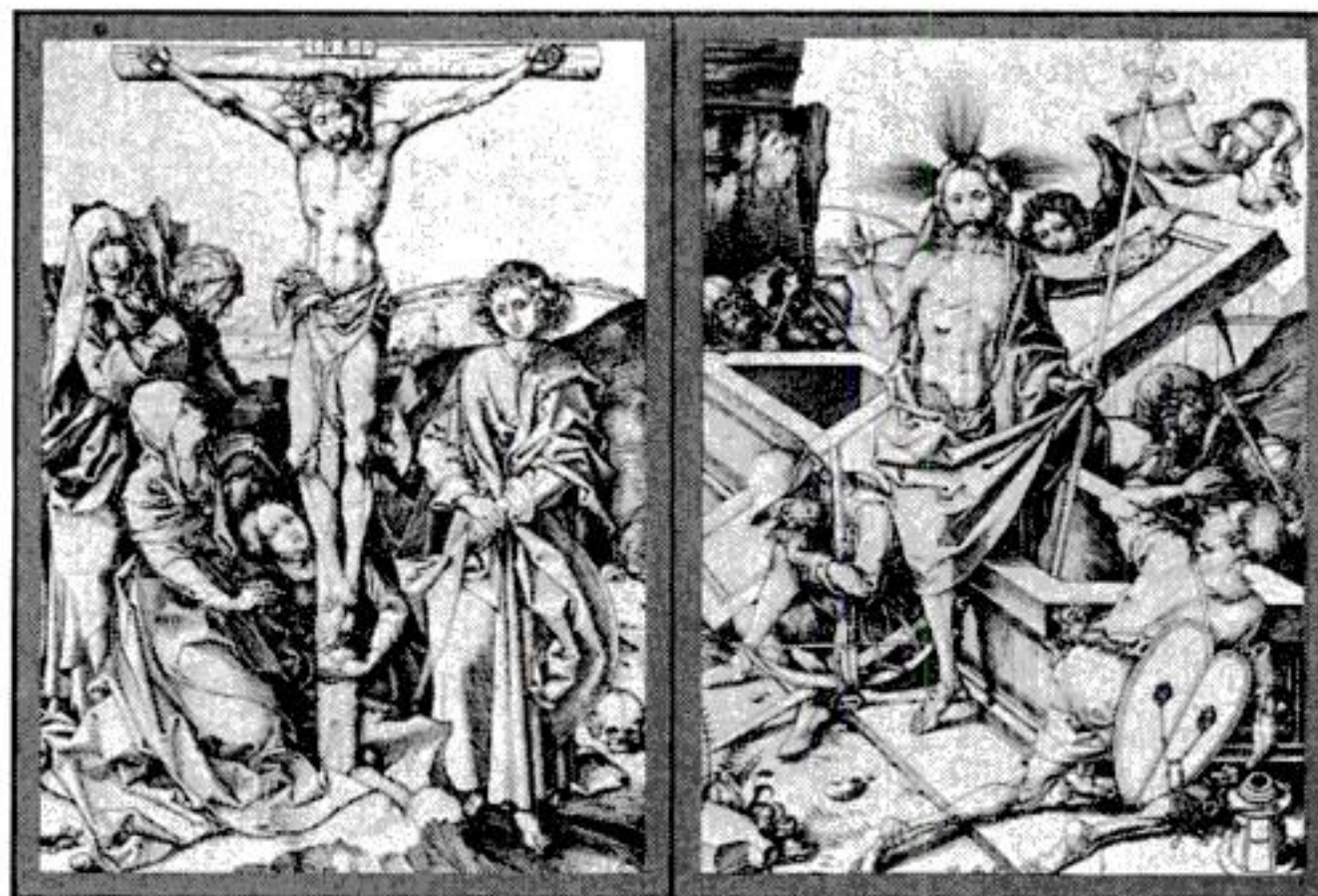
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NEW Mobilgas

GIVES FLYING HORSEPOWER

Summerproof Service Protects it!



RESURRECTION

by FRANCIS CARDINAL SPELLMAN

Man need not wait for death, bravely to rise
From out his own dead self, and breathe a life
Renewed in deathless Christ: O priceless gift
To save ourselves in Him, and know God's love!
For as each spring, earth's lowly things, reborn,
Quicken with sun-drawn sap, and flower-decked
The orchards break from mourning, as the fields
The mystery of fruitfulness renew,
So does our spirit lift to nobler life,
And claim the destiny the Master set
Upon the Mount of the Beatitudes:
The life of God with men, of man in God—
One mind, one heart, one will, with the Most High.

To live our life in Christ, to share his grief,
Break daily bread with Him and find at eve,
As did disciples in the sunset glow,
The Risen Master waiting ere the dark
Encompass us, this is the Christian life—
Which truth we oft forget amid the storm
And hurried passage of these modern times.
Let us make haste—but only back to Christ;
Let us go on—but by a prayerful way;
Let us arise with all the noble souls
Who form the mighty host of God's elect,
Who heed His voice and humbly follow Him.
America has need of men like these,
Has need of men molded to Christ's own heart,
For there are murmurs in the market-place,
And strife within the councils of the mighty—
Science freezes the earth in awesome fears.
The cords of peace are in our trembling hands,
And only Wisdom can their strands unite.

Men's thoughts too oft are solely of themselves,
Our neighbors' faults we see, our own ignore,

And, blaming others as the source of ill,
Ourselves we wreck in stubbornness and greed.
O Risen Saviour, rise in us this day,
Help us to save ourselves, our country save!
This land was once a symbol of desire,
A light, a hope to Earth's oppressed, a shrine
Where liberties, God-Given, were secure.
Here, dignity clothed every man at birth;
Here, found warm welcome men from every clime,
Here man was free, where all were born to rule.
Dear Christ, let us not lose these dearly bought,
These sacred things, our liberties. Infuse
In us Thy love, quicken our nation's soul,
Lest under pretence of a better way
We find our country in the ancient snare
Of tyranny disguised in fulsome phrase.
Preserve, dear Christ, our precious heritage—
Grant us within this great, bewildered land,
A resurrection and a renaissance:
A resurrection of our truer selves,
A renaissance of all our nobler past.

In Thee, dear God, still rest our life, our hope,
And in Thy Son, the wisdom that we crave,
For even in Victory, we still need Peace:
Peace with all peoples of this wounded world,
Peace with our brothers in our strife-torn land,
Peace with our soul, the Spirit's priceless grace.
These gifts, grant us today, dear Risen Christ!



The war-inspired poem above was written for the Easter issue of *LIFE* by Francis Cardinal Spellman, Archbishop of New York, who on Easter Sunday at 7 p.m. (EST) will read it over a nationwide Mutual network. The poem also appears in his new volume, *Prayers and Poems* (Charles Scribner's Sons, \$1), the fifth book Cardinal Spellman has had published in the past four years. Proceeds of the Cardinal's writings all go to charity.



FM radio receivers are more static-free and less costly—thanks to research at RCA Laboratories.

NEW FM - noiseless as the inside of a vacuum tube!

Now, FM, or Frequency Modulation reception, provides still greater freedom from static and interference caused by storms, ignition systems, oil burners, and domestic appliances.

It's radio at its finest—making your living room a part of the concert hall itself. You've no idea of how marvelous music can sound over the radio until you hear the golden perfection of FM reception developed by RCA.

Moreover, through this new RCA development, FM receivers can be made at a cost comparable to that of standard-band broadcast receivers. FM is

no longer expensive! "Better things at lower cost" is one of the purposes of RCA Laboratories—where similar research is constantly going into *all* RCA products.

And when you buy anything bearing the RCA Victor name—from a television receiver to a radio tube replacement—you know you are getting one of the finest instruments of its kind that science has yet achieved.

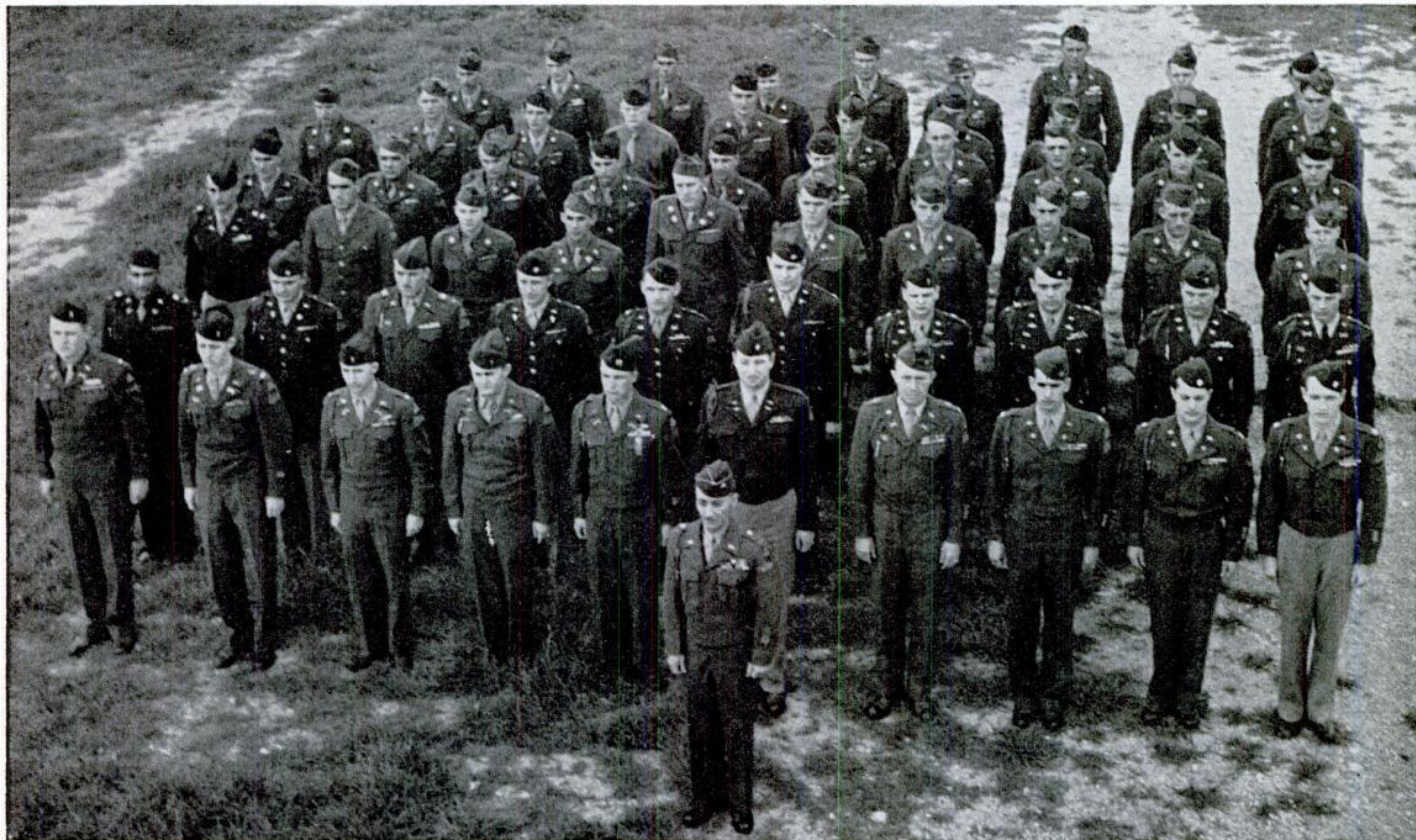
Radio Corporation of America, RCA Building, Radio City, New York 20. Listen to The RCA Victor Show, Sundays, 4:30 P.M., Eastern Standard Time, over the NBC Network.



Stuart William Seeley, Manager of the Industry Service Laboratory, RCA Laboratories Division, perfected this new FM circuit. It not only operates equally effectively with strong or weak stations, but lowers the cost of receivers by eliminating additional tubes and parts that were formerly considered necessary in Frequency Modulation receivers.



RADIO CORPORATION of AMERICA



THIS IS ALL THAT IS LEFT OF THE FAMED 2ND ARMORED DIVISION. HEADING THE FORMATION AT CAMP HOOD, TEXAS IS BRIG. GENERAL JOHN H. COLLIER

THE ARMY

With 6,884,000 of its men demobilized, the greatest military machine in American history has suffered shocking disintegration less than a year after its triumphal entrance into Berlin

It was July of last year when the 2nd Armored (Hell on Wheels) Division, veterans of North Africa, Sicily, France, the crossing of the Rhine, rolled proudly into Berlin. In its ranks were 10,616 men. Last week at Camp Hood, Texas, less than a year later, the remnants of the once great 2nd Armored posed for the picture above. In its ranks were 60 men. Another 100 were off on furlough. The other 10,456 were gone.

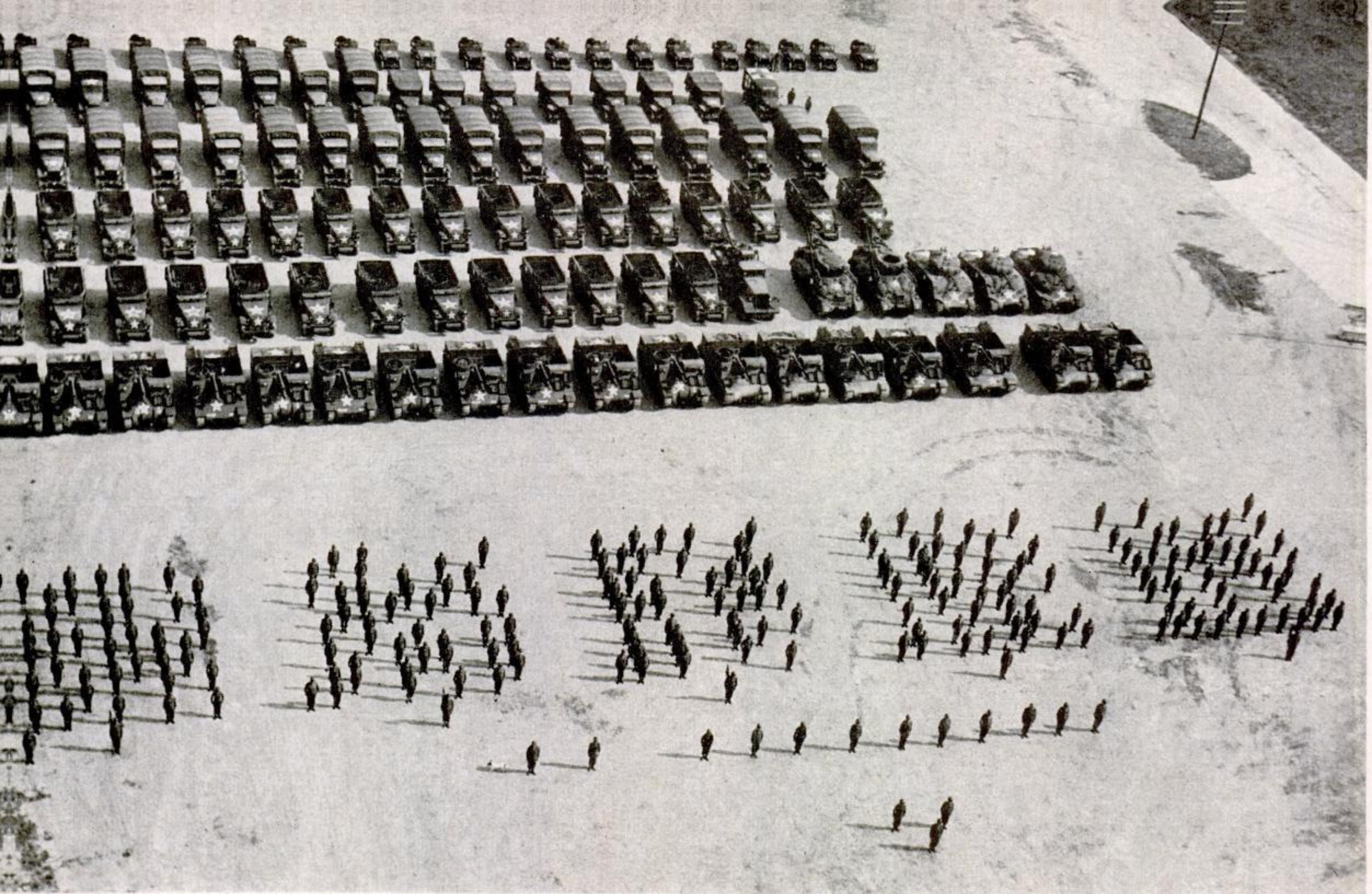
What has happened to the 2nd Armored Division is an example of what has happened to the whole U. S. Army. In less than a year the greatest military machine in American history has sadly disintegrated. Up to this week 6,884,000 of its trained soldiers had been demobilized. Only 897,010 new men had been enlisted or drafted to take their places. And unless Congress renewed it the draft itself would expire May 15. During the war the U. S. had 67 infantry divisions, 16 armored divisions, five airborne divisions, one cavalry division. Of these, 48 infantry, 12 armored, 3 airborne have already been deactivated. Almost all the combat troops had been demobilized on points. None of the replacements is fully trained, equipped or ready for a fight. In specific military posts the disintegration is even more apparent. At a depot on Guam enlisted men have been reduced from 5,610 to 50. At Machinato airstrip on Okinawa there are 17,500 vehicles which are to be guarded, maintained and cataloged by 23 men.

Much of this demobilization might have been expected in a pacific democracy. Much of it was healthy, the natural result of Army contraction. But at a time when other nations, notably Russia, were maintaining huge armies, when a nation's prestige depended all too clearly on its armed might, this hell-for-leather demobilization began to worry the nation. On Army Day President Truman insisted that "we are determined to remain strong." Secretary of State Byrnes, who wants to carry on the old U.S. tradition of walk softly but carry a big stick, complained he no longer had a big stick. But the one to whom the nation paid the most attention was the man who guided the armies into Berlin, General Dwight Eisenhower, now Chief of Staff. Reporting that it would take a full year to establish as efficient an army as the U. S. had even in 1940, Eisenhower appealed to Congress for extension of the draft beyond May 15, for permission and means to build up and maintain a technically well-trained army of a million men. Said he solemnly last week (left), "In my opinion any gamble with the national security of the United States at this time is a gamble with the peace and security of the world."

By week's end Eisenhower's sincerity had impressed even Congress. Stifling political worries, the Military Affairs Committees of both houses voted to recommend draft extension. But the House voted a postponement of induction until October.



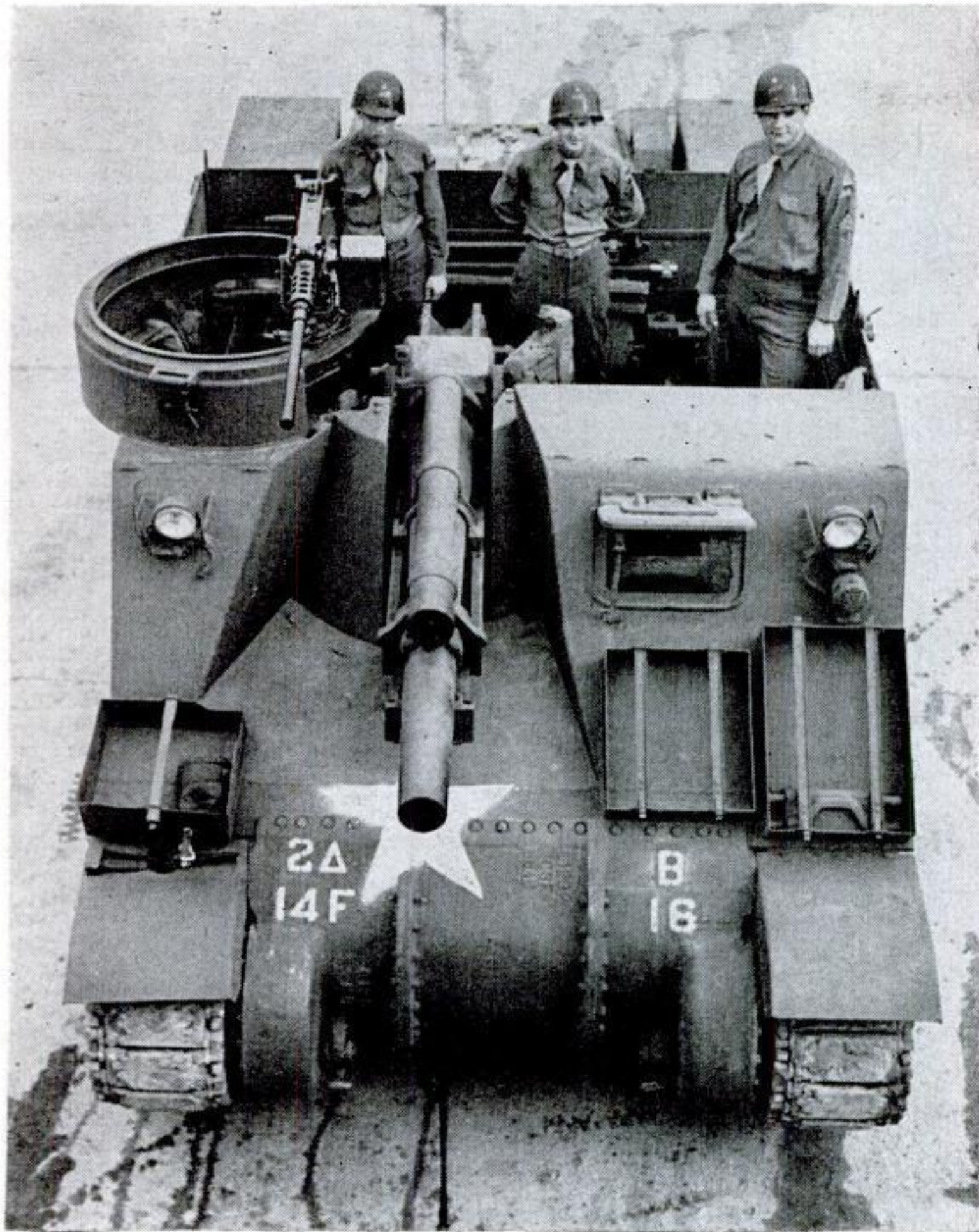
EISENHOWER warns Senate Military Affairs Committee it must keep draft, not "gamble with security."



WHAT ARMY HAS is shown in the above picture of men actually available for an armored field artillery battalion at Camp Hood. Note empty spaces in the ranks. This is a battalion from the only armored division in U.S. On May 1 it will be at 37% strength.

WHAT ARMY NEEDS for battalion is shown below. For purposes of this picture the ranks of enlisted men and officers have been filled. Actually no trained men are available to fill them. Division is composed of remnants from 2nd Armored and 20th Armored.





WHAT ARMY HAS to man its 105-mm. guns is less than 50% of the men required. These men could fire the gun but without top efficiency. The chief of section (*right*) would drive. One man would aim and fire. The third man would handle ammunition.



WHAT ARMY NEEDS to fire the same gun is seven men instead of three. Men at Hood call the missing four "casualties of Congress." This division marched in San Antonio on Army Day, April 6, had a difficult time finding anybody to man its vehicles.

ARMY'S GREATEST NEED IS TRAINED TECHNICIANS

Americans have never been a militaristic people. Although 672,723 of them have enlisted in the Army since V-J Day, most of these have done so because of difficulties encountered in civilian life or because the hot breath of the draft was down their necks. Not even these new enlistees have shown an awareness for the peacetime need of an efficient Army. When LIFE Photographer Wallace Kirkland went to Camp Hood, Texas to make the pictures above and on the opposite page, he was criticized for asking a battalion to move five paces to the left and five to the rear. "I wish you would decide just what you want," snapped the lieutenant colonel in charge. "These men won't stand for any pushing around. They're not interested in obeying commands." The outfit was made up of men expecting immediate demobilization and men who had enlisted for extended periods of time.

Such restlessness and impatience with authority are common in the Army today. They serve to highlight the Army's greatest single need: trained and efficient soldiers. Staff organizations still exist, though no longer as operating bodies. A continued draft will supply a number of new recruits. But there will still be a lack of good technicians. Said Eisenhower, "Modern armies are wholly dependent on men carefully trained in difficult skills. Replacements on a numerical basis do not mean much. It is replacement with trained men that counts. The tough part is preparing new, inexperienced men to take the places of experienced technicians."



ROW OF TANK DESTROYERS, crated and abandoned, are intermingled with rows of shells, alligators, armored and unarmored vehicles of all kinds at Army Ordnance Depot in Tooele, Utah. Every day more waste material piles into Tooele, useless because there are not enough recruits to use it. The warehouses are full too.

ance Depot in Tooele, Utah. Every day more waste material piles into Tooele, useless because there are not enough recruits to use it. The warehouses are full too.



OFFICERS do the work of enlisted men in servicing their own planes at Columbus, Miss. (above). Unless they did this shortage of mechanics would keep them indefinitely grounded.

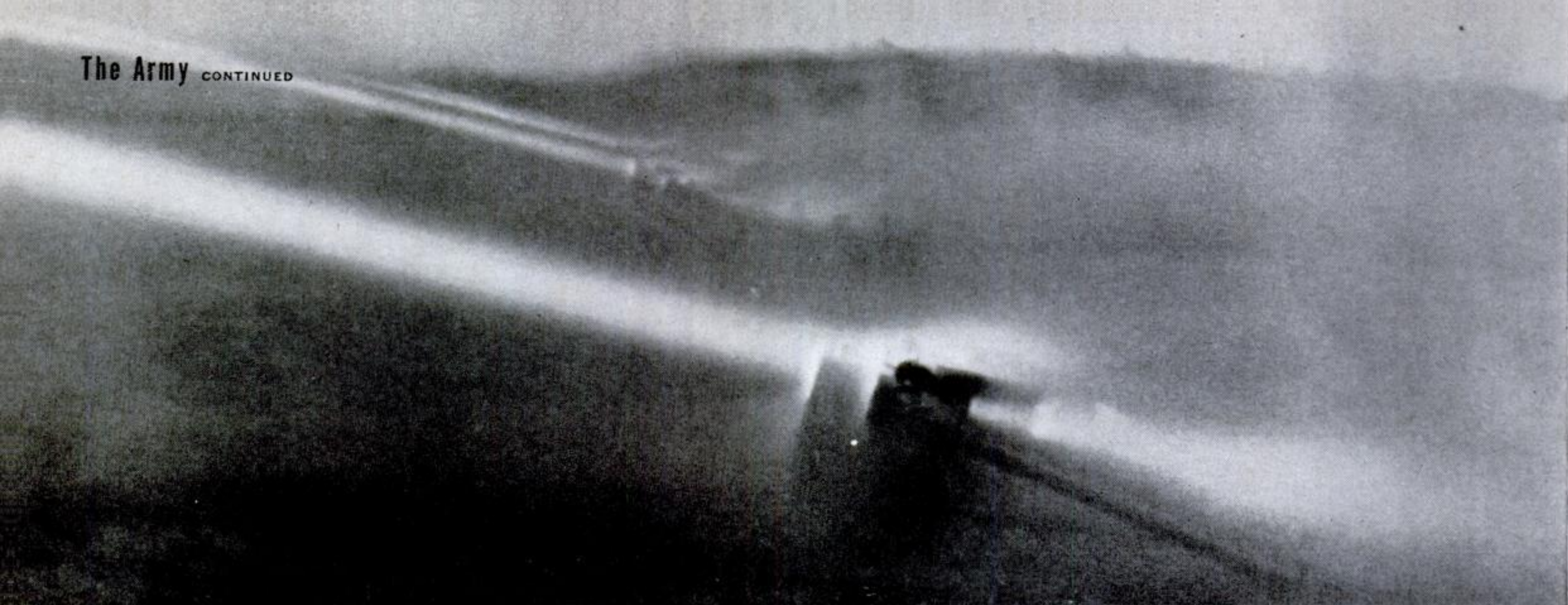


ALL THAT ARE LEFT of 502nd Tactical Control Group which operates an air force are six men (above). The normal complement: 1,300. Below: officers turn their own propellers.





ABANDONED SKELETONS OF WHAT WAS THE WORLD'S
GREATEST AIR FORCE REST ON THE ARIZONA DESERT
AT OLD KINGMAN FIELD. THESE ARE MOSTLY B-17S



NEW 4.5-INCH MULTIPLE ROCKET LAUNCHER FIRES 24 ROCKETS IN LESS THAN 12 SECONDS. THUS 36 OF THEM CAN PRODUCE SAME EFFECT AS 72 BATTALIONS OF 105s



"KING KONG," a self-propelled 240-mm. howitzer, takes position. Spade to break firing shock is lowered.



BREECH IS OPENED and the gun is made ready. Spade has been lowered and locked underneath mount.



LOADING TRAY is set up while the shells and firing charge are made ready. The truck carries ammunition.



SHELL GOES up tray while man waits with powder charge. Time for emplacement and firing: 2 min. 40 sec.

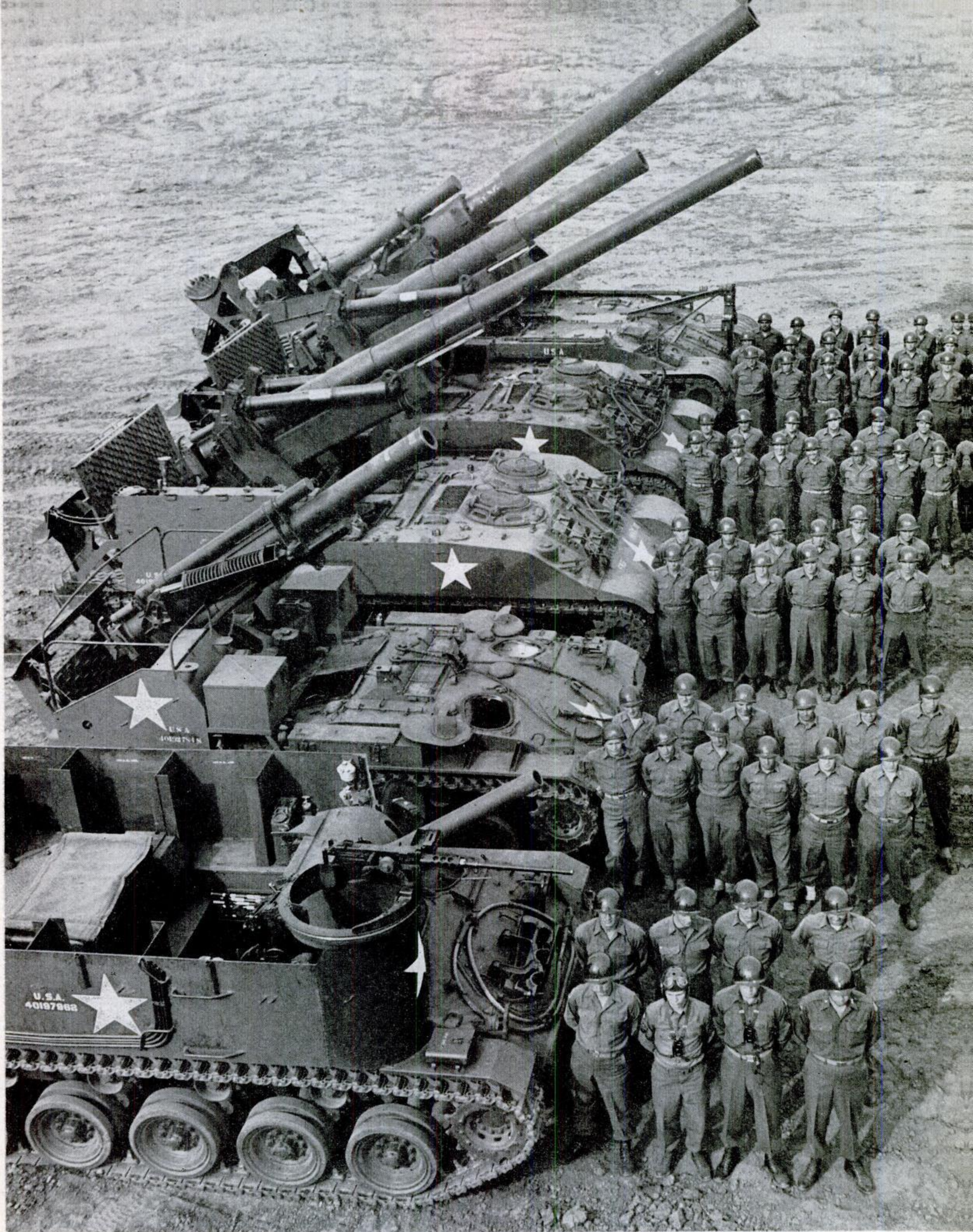
IT IS STILL DEVELOPING NEW ARTILLERY WEAPONS

The chances last week were that the Army would get the draft extended for at least nine months. Beyond that it is hoping for a universal training plan whereby 18-year-olds would have a year of Army life, then be available for call in an emergency. In view of American distrust of militarism, the adoption of this plan seems doubtful. In that case, the Army will again have to depend on voluntary enlistment. It will have to sell itself as a career.

Perhaps its best selling point for Americans brought up on machines is its mechanization. The scientific wonders of the modern army, including rockets, radar, atomic power, are limitless. In spite of general Army deterioration, their development has continued since the end of the war. To show off some of these newer developments, the Army recently staged a demonstration at Fort Sill. Some of the weapons exhibited are shown here. They included the 4.5-inch multiple rocket launcher and the use of television as an artillery spotter (*below*). On exhibition was the new 240-mm. self-propelled howitzer, called the "King-Kong." In contrast to the old 240, which was towed in two loads and took one to six hours to emplace, this new 240 can be emplaced and fired in two minutes, 40 seconds. The pictures at the left show this being done. Other exhibits included radar adapted to field artillery, new illuminating shells, new recoilless weapons.

TELEVISION IS USED AS ARTILLERY SPOTTER. A CUB PLANE TELECASTS ACTIVITY IN TARGET AREA TO THESE SCREENS LOCATED IN AN ARTILLERY COMMAND POST





NEW SELF-PROPELLED ARTILLERY PIECES are lined up. From bottom to top they are: a new, lighter version of the self-propelled 105-mm. howitzer, a self-propelled

155-mm. howitzer, the well-known "Long Tom" 155-mm. rifle, now on a self-propelled mount; the self-propelled eight-inch howitzer and the "King Kong" (see opposite page).

WHY MEN PRAY

"WITH GOD ALL THINGS ARE POSSIBLE." MATT. 19:26

SPURRED by reason, fear or today's headlines, large numbers of Americans are rediscovering an old truth: mankind cannot live by bread alone. Scientists, philosophers and ordinary men are arguing themselves into a position which might be called the Limbo of Faith in Faith. But it is not the same thing as Faith in God.

Easter, of all religious seasons, is the season whose meaning makes this distinction clear. To the believing Christian, Easter is a reminder that he has a permanent intercessor at the throne of God. "Whatsoever ye shall ask in my name, that will I do." And here is the sure test which distinguishes a religious man from a mere man of goodwill: the religious man prays.

The custom of prayer is as old as human awe and it still takes countless moods and forms. As the ancient Egyptians used to bully their gods, so the Australian aborigine carried a severed hand to which he would say, "Guide me right or I throw you to the dogs." Moslems prostrate themselves on a rug; Tibetan Buddhists write their supplications on tiny flags and stick them in a mound for the wind to carry away; Catholics finger their rosaries; Quakers sit together in silence. From every corner of the world, at every hour of the day and night, to one God or another, rise the prayers or meditations of religious mankind. Are they answered? In any direct and literal sense, probably very few of them are answered. Then why do people pray?

What Is It?

In his book *Prayer*, the Rev. George A. Buttrick tells the story of a bishop "who resolved to practice what he had so often preached: he would speak to God in direct simplicity. He spoke. A Voice, gentle but holy, answered him, 'Yes, what is it?' The bishop was found dead on the chancel steps." Behind this story lies the reason why many serious-minded Americans do not profess the faith of their choice. Sniffing hypocrisy, they are repelled by the hollow ritualism of much formal church praying. Yet the same skeptics may be equally repelled by the opposite kind of self-mumbling: those long exercises in free association, offered in Bible classes by ladies with closed eyes and slack tongues, which come out as a formless rigmale of private peevishness, cards of thanks and the week's gossip. Both these all-too-common extremes of prayer have the virtue of assuming the existence of God. But they also share the same fault: they take God's ear for granted.

God's ear is universal but it is also endlessly discriminating. Prayer is a discipline which requires the whole attention of the mind and heart. Its quality varies with the quality of the individual's faith. At the present stage of their spiritual development, most U.S. Christians need a certain degree of formalism in their prayers, if only to keep their minds from drying up or wandering off. Praying in unison with others, as Christ sometimes did, also symbolizes the democratic character of Christian brotherhood and "links the worshiping generations." For these reasons and because the U.S. is a predominantly Protestant nation, LIFE prints on the opposite page some Protestant prayers

whose usefulness to many generations of Christians is proved by their very familiarity.

Yet the question with which we started remains a question for the private conscience: Why pray at all? Prayer is almost impossible, to be sure, without a primary conviction: you must believe that the God you are addressing exists. Horace Bushnell, the famous Hartford preacher, once let skepticism carry him to the point where he could admit no divinity beyond a principle called "Right." He succeeded in praying to this abstraction, though he found it dreary. But for most people prayer requires a living and personal God. It further assumes that man can communicate with Him.

Self-Knowledge and Free Will

Given a conviction on both those scores, the question, "Why pray?" becomes rather, "Why not?" For to communicate with a God one believes in is surely a self-justifying achievement. William James called it "intercourse with an Ideal Companion." According to Dr. Buttrick, prayer is also "a fundamental honesty" which "grants us knowledge of our motives."

If these descriptions are correct, the non-praying man is obviously missing something. Self-knowledge has been the first quest of wise men since time began. To learn a little about his heart's true motives, modern man has created the whole new science of psychoanalysis, which has added to his knowledge but has not mastered all his heart's desperate evasions. Those skilled in self-knowledge by these methods should not think of prayer as an alternative, any more than introspection should be confused with prayer. The two are complementary. The highest level of self-knowledge to which rigorous introspection can bring us is the best preparation for prayer. It is where prayer starts and carries the illumination further.

But confession is only one kind of prayer and self-knowledge not its only purpose. Far commoner—perhaps commoner than they should be—are petitions. There is a kind of petition, fundamentally selfish, which in effect says, "Tell you what I'll do, God; let's make a deal." This is really less a prayer than a survival of the primitive sacrifice, an offer to trade incense for luck. Whether it is useful or not must depend on the sophistication of the suppliant. A child may offer such a prayer honestly; surely few adult Americans can claim to.

There is another reason why the sophisticated man, even a humble one, sometimes stops himself from asking favors of God. Like Kant he thinks it "absurd and presumptuous" to ask God to alter his cosmic plans for any individual's sake. This is part of the old argument about free will. It should have come to an end when Justice Holmes said, "The mode in which the inevitable comes to pass is through effort"—and if God's plans are really inevitable, any man's voluntary prayers may still be part of the effort on which he counts to fulfill them.

Upon this paradox the Christian faith is built. It worships a God who knows and foresees all, yet "whose service is perfect freedom." Its unique glory is the responsibility it places on every individual to seek his own best lights and act on them. It is no accident that democ-

racy, which can work only when free individuals are morally responsible, has flourished best in Christian lands. And prayer is the means by which the Christian may constantly refine his sense of responsibility.

The Christian faith, in Dr. Buttrick's words, assumes that "man is free, God lives, and the world is a place for their comradeship"—comradeship in prayer. It assumes all this because Jesus Christ so taught. He himself prayed regularly, both publicly and in private. Yet the most agonized petition Jesus ever made, in words all Christians recall at this Easter season, was not granted. "Father," he cried in the garden, "all things are possible unto thee; take away this cup from me: nevertheless not what I will, but what thou wilt." The cup was not taken away. Because Jesus drained that cup of suffering and rose from the dead, no Christian need ever feel abandoned by his God again.

No Calculus of Prayer

During an impasse at the Constitutional Convention in June 1787, Benjamin Franklin addressed the chairman (George Washington) as follows: "The small progress we have made . . . is, methinks, a melancholy proof of the imperfection of the human understanding. . . . I have lived, sir, a long time; and the longer I live, the more convincing proofs I see of this truth, *that GOD governs in the affairs of men*. And if a sparrow cannot fall to the ground without His notice, is it probable that an empire can rise without His aid? We have been assured, sir, in the Sacred Writings, that 'except the Lord build the House, they labor in vain that build it.' I firmly believe this; and I also believe, that, without His concurring aid, we shall succeed in this political building no better than the builders of Babel." Franklin then moved that daily prayers be offered before the Assembly again got down to business. The motion was lost, but not because these men did not believe in prayer. To avoid sectarian controversy and for other practical reasons, they preferred to pray in private. But they prayed.

There is no human calculus of the effectiveness of prayer. Today Congress opens every session with a prayer. Its sessions may be no very persuasive testimonial to the practice, but perhaps that only means that too few congressmen really pray. Judging by the large number of homes in which grace is said at meals, the habit of prayer is probably commoner among average Americans than their leaders sometimes suppose. At the United Nations sessions there are no prayers at all. Granted the problem of interfaith etiquette, can anyone think prayers are not needed there?

The true Christian does not measure his praying by its visible results. Jesus' promise is enough: "Lo, I am with you always, even unto the end of the world." From his confidence in that promise comes the Christian's strength and the reason why he prays. Whether his prayer is joyful or desperate, it always gives him more certainty about what is right and what is wrong. No world-made trouble, not even today's, can resist the moral analysis of Christian prayer. It is a thought for all who are troubled, including statesmen.

EIGHT FAMILIAR PRAYERS

OUR FATHER, who art in heaven, Hallowed be thy Name. Thy kingdom come. Thy will be done, On earth as it is in heaven. Give us this day our daily bread. And forgive us our trespasses, As we forgive those who trespass against us. And lead us not into temptation, But deliver us from evil. For thine is the kingdom, and the power, and the glory, for ever and ever. *Amen.*



Now I lay me down to sleep,
I pray the Lord my soul to keep.
If I should die before I wake,
I pray the Lord my soul to take.



ALmighty and most merciful Father; We have Erred, and strayed from thy ways like lost sheep. We have followed too much the devices and desires of our own hearts. We have offended against thy holy laws. We have left undone those things which we ought to have done; And we have done those things which we ought not to have done; And there is no health in us. But thou, O Lord, have mercy upon us, miserable offenders. Spare thou those, O God, who confess their faults. Restore thou those who are penitent; According to thy promises declared unto mankind In Christ Jesus our Lord. And grant, O most merciful Father, for his sake; That we may hereafter live a godly, righteous, and sober life, To the glory of thy holy Name. *Amen.*



OLORD, our heavenly Father, the high and mighty Ruler of the universe, who dost from thy throne behold all the dwellers upon earth; Most heartily we beseech thee, with thy favour to behold and bless thy servant THE PRESIDENT OF THE UNITED STATES, and all others in authority; and so replenish them with the grace of thy Holy Spirit, that they may always incline to thy will, and walk in thy way. Endue them plenteously with heavenly gifts; grant them in health and prosperity long to live; and finally, after this life, to attain everlasting joy and felicity; through Jesus Christ our Lord. *Amen.*

ALmighty GOD, Father of all mercies, we, thine Unworthy servants, do give thee most humble and hearty thanks for all thy goodness and loving-kindness to us, and to all men. We bless thee for our creation, preservation, and all the blessings of this life; but above all, for thine inestimable love in the redemption of the world by our Lord Jesus Christ; for the means of grace, and for the hope of glory. And, we beseech thee, give us that due sense of all thy mercies, that our hearts may be unfeignedly thankful; and that we show forth thy praise, not only with our lips, but in our lives, by giving up our selves to thy service, and by walking before thee in holiness and righteousness all our days; through Jesus Christ our Lord, to whom, with thee and the Holy Ghost, be all honour and glory, world without end. *Amen.*



Lord Jesus, be our holy Guest,
Our morning Joy, our evening Rest;
And with our daily bread impart
Thy love in peace to every heart. *Amen.*



ALmighty GOD, who hast given us grace at this time with one accord to make our common supplications unto thee; and dost promise that when two or three are gathered together in thy Name thou wilt grant their requests; Fulfill now, O Lord, the desires and petitions of thy servants, as may be most expedient for them; granting us in this world knowledge of thy truth, and in the world to come life everlasting. *Amen.*



Abide with me: fast falls the eventide;
The darkness deepens; Lord, with me abide:
When other helpers fail, and comforts flee,
Help of the helpless, O abide with me.

Swift to its close ebbs out life's little day;
Earth's joys grow dim, its glories pass away,
Change and decay in all around I see;
O Thou Who changest not, abide with me.



GRAND NATIONAL STEEPLECHASE COURSE AT AINTREE, IS SHOWN FROM STANDS. RACE STARTS ON OUTSIDE COURSE BY WHITE PICKET FENCE (UPPER RIGHT). HORSES RUN

GRAND NATIONAL

Only six horses finish rough race

On a clear, crisp day last fortnight a record-breaking crowd of 400,000 race fans packed the stands, rails and meadows around the racecourse at Aintree, five miles north of Liverpool, England. They were there to see the first postwar running of the break-neck Grand National Steeplechase, a race so rough and tough that a rider considers himself lucky to

finish in one piece, let alone win. In its 100-year history, the 4½-mile course's 16 big brush, rail and water jumps have tripped thousands of horses and riders. In 1928 only one of a field of 42 horses finished the race.

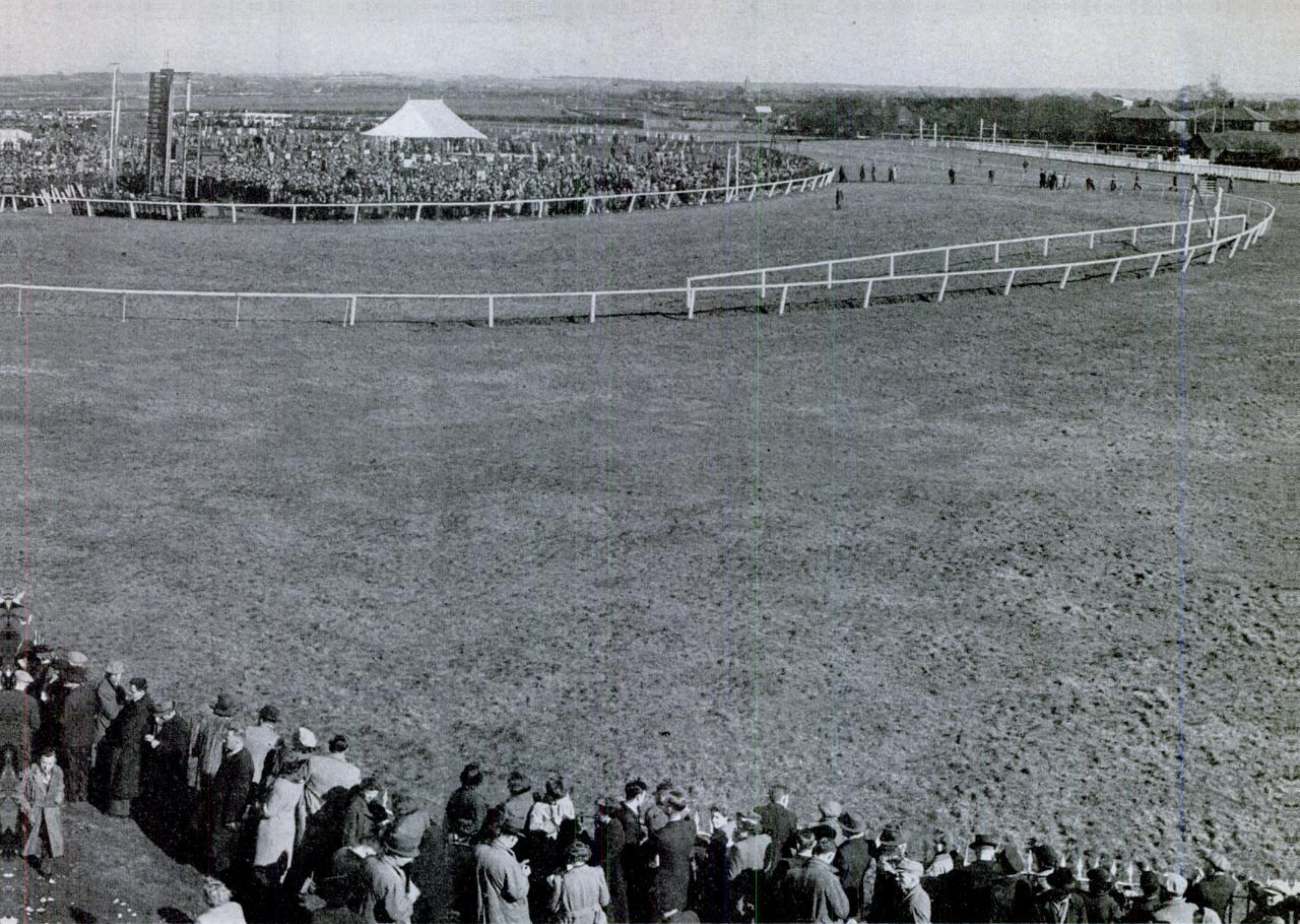
This year 34 horses started. At the first jump three horses fell. At the Chair Jump, Bogskar, who

AT FIRST JUMP TWO RIDERS LIE SPRAWLED ON THE GROUND. HORSE (FOREGROUND) GOES ON RIDERLESS



LARGO FALLS AT BECHER'S BROOK. HE LANDED ON





COUNTERCLOCKWISE, START JUMPS BEHIND WHITE PAVILION, RUN TWICE AROUND THE COURSE INSIDE FENCE, FINISH ON OUTSIDE AT CIRCULAR MARKER (UPPER LEFT)

won the race in 1940, threw his rider. At Becher's Brook, named after Captain Becher, who ducked into its water to escape oncoming horses in the 1839 Grand National, Symbole, the French horse, fell and was killed and Largo turned head over heels, landing on his jockey. When the last fence was reached, all but 6 of the 34 horses had fallen or spilled their

riders. Leading the field was Prince Regent, the 3-1 favorite.

Plugging quietly along behind through the scrambling jockeys and riderless horses was a gentle Irish gelding named Lovely Cottage, a 25-1 shot ridden by Captain Petre. When Petre saw Prince Regent sail safely over the last jump and enter the

final straightaway leading to the finish line he was sure the race was over. He knew Lovely Cottage for a quiet, reliable and an ideal ladies' hunter, but scarcely the horse for such a rough and tumble. Up ahead the favorite began to tire. With a smack of the whip, Petre urged his horse on, Lovely Cottage sailed by to win the race with a four-length lead.

TOP OF HIS RIDER, WHO WAS PULLED FREE UNHURT



VETERINARY EXAMINES THE BODY OF SYMBOLE, WHO WAS KILLED IN A FIRST-LAP FALL AT BECHER'S BROOK





IN A GREEK OLIVE GROVE TWO U.S. OBSERVERS QUESTION
FARM WOMEN ABOUT POLITICAL CONDITIONS IN THEIR AREA

GREEK ELECTION

Rightists win a clear majority in voting supervised by Allied commission and boycotted by Leftist parties

Nowhere in Europe did the war leave behind a more unsavory political snarl than in hungry, unhappy Greece. Nowhere did the chances seem slighter for the people themselves to meet those issues in free, democratic elections. But to the amazement of the world, as well as the Greeks themselves, such a miracle did come to pass March 31 under the sweating supervision of an American-British-French election commission.

Scarred by civil warfare between Left and Right in its first year of liberation, Greece had appealed to the United Nations for help in preventing chaos. Gravely the U.S., Britain and France accepted responsibility for supervising elections to chart Greece's future. Russia declined, saying that conditions (*i.e.*, the presence of British troops) were lacking for free elections. Vociferously the Leftist E.A.M., a coalition of political parties and wartime resistance groups, charged that the Greek government was conniving with diehard royalists to stuff the ballot boxes in their favor. The vilification among splintered parties became so confusing that chances for an intelligent vote seemed slim, slimmer still when the E.A.M., under Communist control, angrily withdrew from the elections and ordered its followers to boycott the polls.

In contrast with the campaign's disordered violence, election day throughout Greece was a model of sunny placidity. The returns, rolling in slowly from crowded cities and sun-baked olive groves, gave the Populists, conservatives with strong royalist leanings, a clear majority and made likely the return of Greece's king, George II, now a London exile. But even more important were some conclusions drawn by the Allied Commission for Observing the Greek Elections (AMFOGE), which estimated that 60% of all eligible Greek males had voted. Most of the remaining 40% represented a normal failure to vote. Only 9.3% of the voters abstained for political reasons. The E.A.M.'s abstention, by AMFOGE estimate, had failed to affect materially the outcome. The left instead had thrown away control of from 20% to 25% of the unicameral legislature which it would have obtained under proportional representation if it had participated freely in the election.

Though Greece's problems, with many an unsavory character lurking among the victorious Populists and Royalists, were far from solved by this election, the Greek people had spoken eloquently against domination by a highly organized, articulate Communist minority. There was still a danger that the reactionary Rightists would abuse their newly achieved power. But the U.S., dipping its finger for the first time directly into a European nation's domestic politics, had found that, though it is easier to liberate a nation than to give it democracy, there are ways to help weaker sisters along the path toward freedom.



JEEPS LINE UP in port of Salonika ready to carry observation teams into outlying villages. Each of 240 teams was composed of observer, interpreter and driver. U.S. furnished 100 of 240 teams. Its share of election commission's expenses was \$500,000.



PRE-ELECTION SAMPLING was made by teams who checked findings against outcome of election to see there was no movement to prevent people's expressing beliefs. Captain Stavis J. Milton (*right*) sampled both townspeople (*above*) and villagers (*below*).





VILLAGE POLITICO tells his neighbors how he hopes they will cast their votes. Leftists in some villages complained they were kept from voting. So did Rightists in some urban working-class districts. However, mission found such coercion only minor.



RIGHTIST poster accuses Leftists of plans to give Communist-controlled Bulgaria part of Greek territory as a sea outlet.



LEFTISTS urged the people to abstain, saying that any vote was in effect a vote for fascism, Royalists and British capital.



PRE-ELECTION CASUALTY with bandaged head complains to Allied mission that he was beaten by Leftists. Some killings and other violence occurred on each side, but the mission and most Greeks agreed it was most peaceful election Greece had ever seen.



WAITING KING, George II, fled Greece twice, once in 1924 when people voted him out, again in 1941 when Germans invaded. Unmarried, 55, George lives in Claridge's Hotel, London, while the new government in Athens discusses plebiscite on his future.



One says "OH"

And no wonder! It's called Scotch Broth, but it's really a thick and hearty soup. The nourishing meat stock brims with garden vegetables—barley to give added substance—and, to further tempt your spoon, satisfying pieces of mutton. Have you tried Campbell's Scotch Broth on that man of yours? The chances are he'll say: "Where's this good soup been all my life?"

Campbell's SCOTCH BROTH



One says "AH"

And who would blame him? For here is a chicken soup to make anyone's mouth water! A stock gleaming with chicken richness, fine white rice and tender pieces of chicken that almost melt on your tongue. Just as sure as you like chicken, you'll like Campbell's Chicken Soup. Here's a grand soup to keep within reach on your kitchen shelf. Let the family enjoy it often.

Campbell's CHICKEN SOUP



One just keeps on eating!



And that's the natural thing for any man to do, the moment he catches a whiff of this one. For what man—or woman or child—wouldn't go for a steaming plate of this hearty, homey vegetable soup, with its 15 different garden vegetables and its rugged beef stock? Matter of fact, in most families the call's for second helpings on this soup. Better make sure there's some on hand at your house!

Campbell's VEGETABLE SOUP

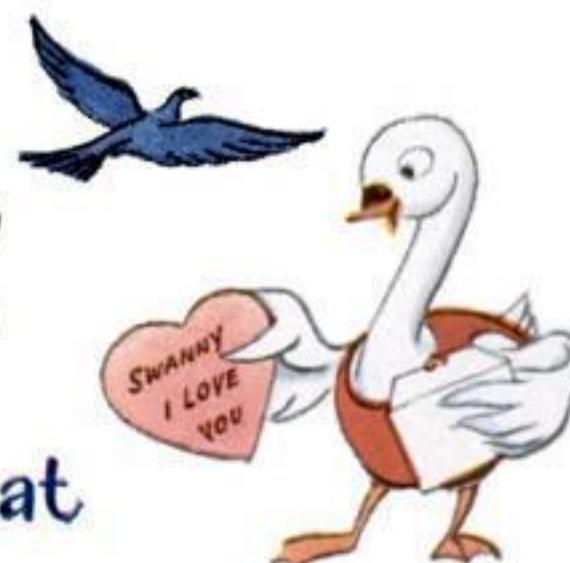
LOOK FOR THE RED-AND-WHITE LABEL





Rhymes and Reasons

why Smart Sallies have a new 4-in-1 heartbeat



Plight

Poor Sal's in a tizzy.
No soap on the shelf!
Yet she must wash Baby,
Clothes, Dishes, and Self!



Flight

To the grocery goes Sally
As fast as she can!
"Oh, what can you give me
Please, grocery man?"



Light

How lovely! How lucky!
There's SWAN to be had!
The one soap she needs to
Keep everyone glad!



Bright

How bright and fresh Swanny
Helps keep Baby's skin,
With mild suds to wrap his
Complexion up in!



Right

If Swan's right for Baby—
It's right for Sal, too!
Agrees with her skin,
Helps it sparkle like dew!



Knight

The Knight of the Bath
Likes a lather that's quick,
So Sal gives him Swan—
Rich 'n foamy 'n thick!

Hospital tests on hundreds of babies proved that "no soap tested—whether castile or floating soap—is milder than Swan!" Pure as fine castiles, too.

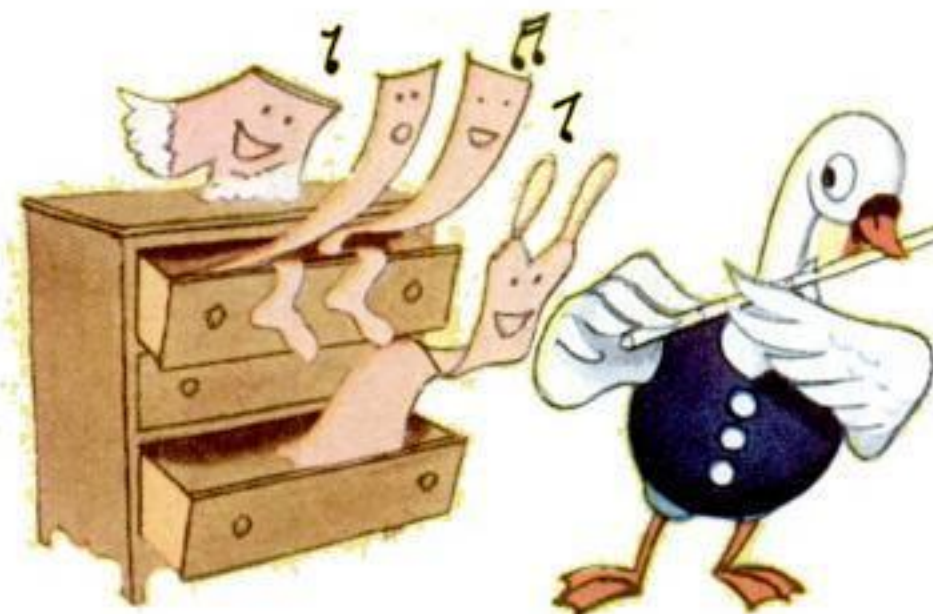
Makes Swanderful sense, doesn't it! Baby's pure Swan can't help but do wonders for a big girl's complexion!

Swanswishes up a lather faster than other floating soaps! It's a great bath buy. Thrifty! Firm! Lasts 'n lasts!



Might

For dishes, Swan's mighty—
Suds swish up so fast!
Yet Sally's soft hands
Have found mildness at last!



Delight

A delight, too, for laundry—
Swan helps colors sing!
It's four soaps in one,
Swell for most everything!



Sight

Want love at first sight?
Then you, too, should buy Swan
For the loveliest lather
You've ever tried on!

It's true! Swan brings dishwashers heavenly gentleness—yet it swishes into dishpan suds faster than other floating soaps!

Long as a girl's got Swan—she's set! It's a pure joy, a big help all over the house.

If your grocer's out of Swan—don't despair. He'll have more soon. Millions of cakes of Swan are shipped to grocers each week!

● FIGHT soap waste! Make your Swan Soap go far—it's made of vital materials.

● Tune in: THE JOAN DAVIS SHOW, featuring Andy Russell, CBS, Monday Nights.



MRS. TRUMAN ACKNOWLEDGES APPLAUSE DURING ARMY DAY OBSERVANCE IN CHICAGO, HER LAST IMPORTANT APPEARANCE BEFORE RECEIVING THE BRIDGE CLUB

FIRST LADY'S CLUB

Independence, Mo. card group holds meeting at 1600 Pennsylvania Ave.

As many another husband has done in like circumstances, Harry Truman got out of the house for as long as he could. He went to Hyde Park to dedicate Franklin Delano Roosevelt's birthplace as a national shrine. Meanwhile Mrs. Truman entertained her old home-town bridge club at the White House.

For some 20 years the Tuesday Bridge Club of Independence, Mo. has been meeting bimonthly for lunch and then stakesless bridge. But never in

its long and loquacious career has it had a meeting like the one last week at 1600 Pennsylvania Ave. During a four-day stay at the White House it ate in the state dining room, sat in the presidential box at Constitution Hall for a concert, went sailing on the Potomac in the presidential yacht, saw a circus, visited the President's office and sat in on a press conference. Some of the girls even slept in Lincoln's bed. The club also found time for some bridge—two quick rubbers during yachting trip.



THE TUESDAY BRIDGE CLUB at the White House shows evidence of shopping sprees. It canceled regular meeting so members could shop for gowns and hats

in Independence. Here Mrs. Truman is fifth from right, Mary Margaret fifth from left. Extra girl (behind Margaret) is member's daughter who lives in Washington.

Her father's a Doctor—



Barbara Lee D.* is the daughter of a doctor. So she's getting a really *model* upbringing. Her picture shows what a bright-eyed, healthy little girl she is.

Barbara Lee D. at 22 months
Weighs 25 lbs. 4 oz. Is 32 inches tall.
(At birth she weighed 7 lbs. 15 oz.,
was 21 inches tall.)

Her cereal is CLAPP'S!

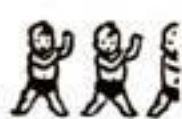
Why so many doctors feed their babies Clapp's Baby Cereals

—because in addition to fine whole grains, these special cereals provide extra food elements such as dry skim milk, wheat germ, and brewers' yeast.

—because every spoonful of Clapp's Instant Cereal gives a baby—



3 times as much iron as unfortified home-cooked cereals.



2½ times as much vitamin B₁ as unfortified home-cooked cereals.

—because every ounce of Clapp's Instant Cereal provides:

Vitamin B₁—0.3 mg.

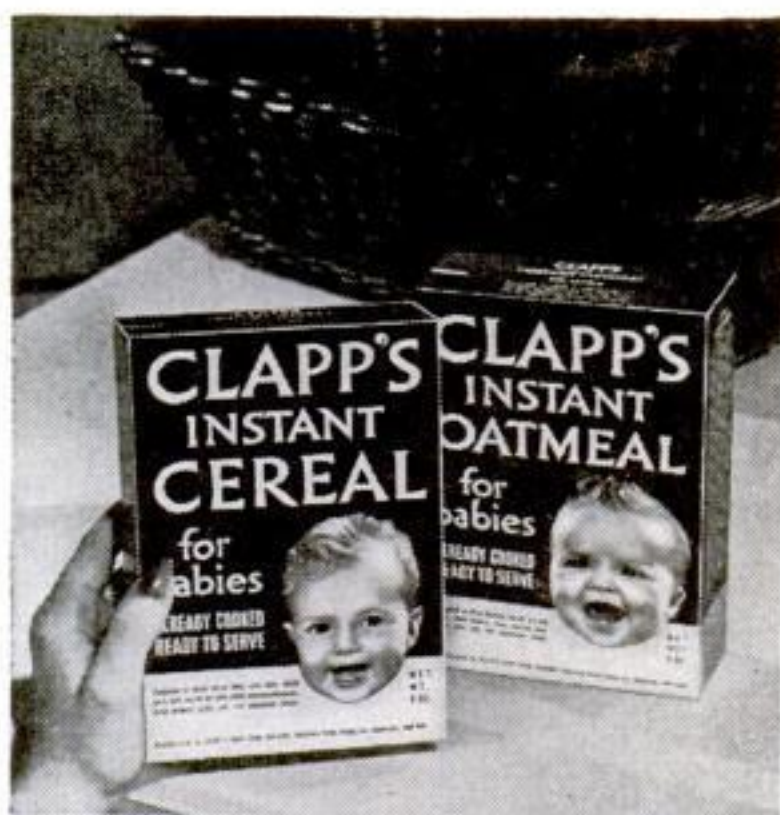
Vitamin G—0.1 mg.

Iron—6 mg.

Calcium—96 mg.

—because the texture of Clapp's Baby Cereals is fine but definite.

—and because preparation is so simple.



PRODUCTS OF AMERICAN HOME FOODS, INC.

No cooking needed. You just add milk or formula right in the serving dish. Try Clapp's Instant Cereal or Clapp's Instant Oatmeal today.

*Name on file at CLAPP'S BABY FOOD DIVISION, American Home Foods, Inc.

Ask your Doctor!

First Lady's Club CONTINUED



AT THE AIRPORT in Washington five members who flew from Missouri pose for photographers. The other members drove. All ten sported new hats.



AT THE WHITE HOUSE there are more pictures. At the airport they were met by, among others, a Secret Service man. "Goodness," said Mrs. Harry Shaw.

CONTINUED ON PAGE 48

RINGS BY WOOD
1850-1946

*Beloved by brides
for
almost a century*



"WITH THIS RING I THEE WED..."

There's a hush in the pews, throats tighten, eyes fill... as a strong young voice repeats the age-old words, and a shining circlet slips on a slender finger... for life.

For such a moment, such a memory, a man could choose no finer ring than an *Art-Carved* Ring by Wood—first name in engagement and wedding rings. Here are rings beloved by brides for almost a hundred years. Here are precious metals, brilliantly carved... here are diamonds chosen by experts steeped in quality traditions. Within every ring there's the proud mark "*Art-Carved*." Look for it—at fine jewelers—let it be your guide to a ring she'll wear—with pride—for life. Diamond rings from \$75 to \$5,000. Wedding rings from \$9.

ENGAGED? Or about to be? Send for "The Bride's Silent Secretary," a book of wedding etiquette, marriage counsel. It's free—write J. R. Wood & Sons, Inc., Department L-3, 216 East 45th Street, New York 17, New York.

*Trade Mark Reg.

Art-carved Rings
by
WOOD

LOOK FOR *Art-carved** WITHIN THE RING



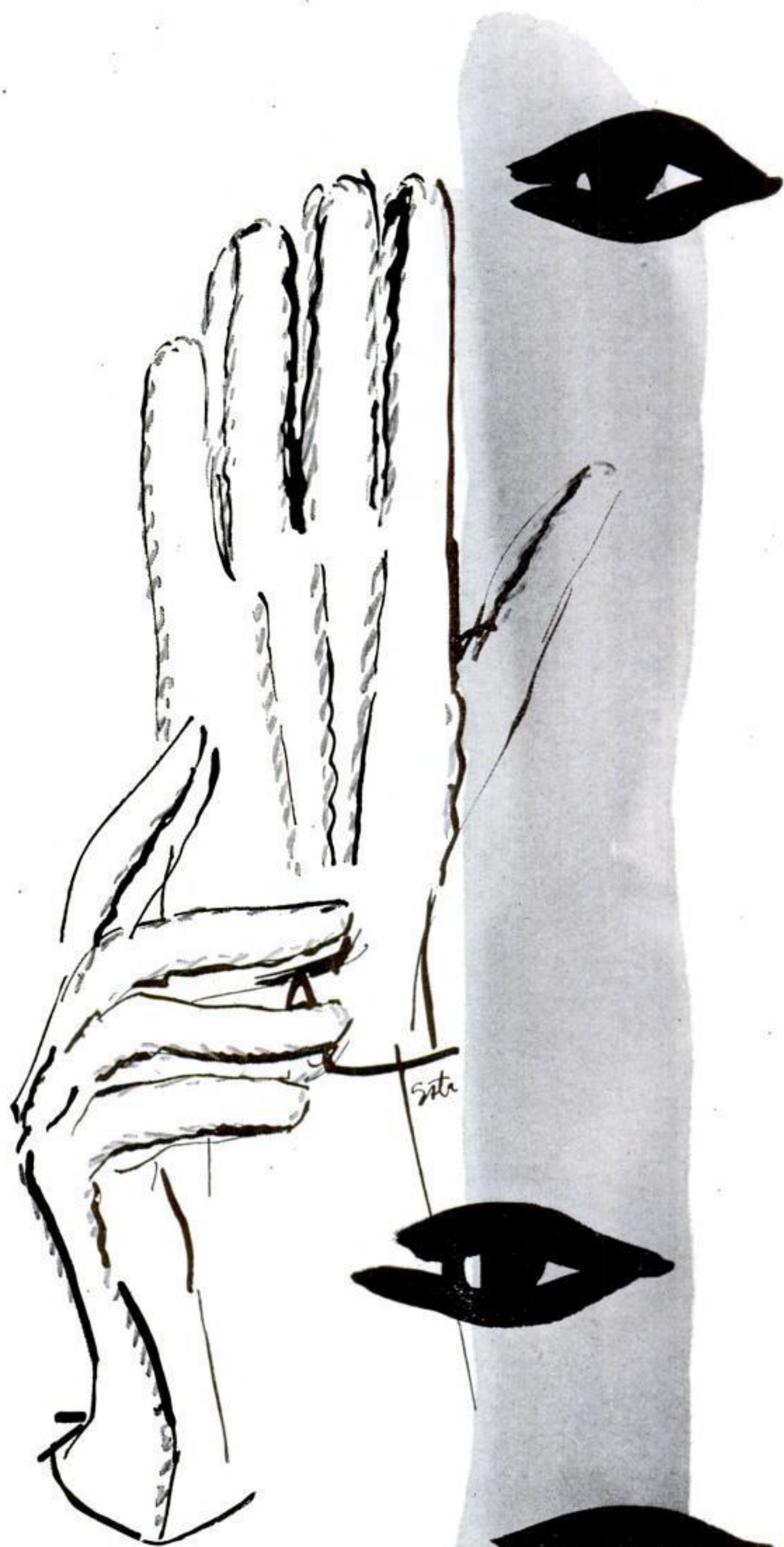
AT A BENEFIT CIRCUS to which Mrs. Truman took her guests one evening—the President had bought a book of tickets—clowns approach the First Lady.



MRS. TRUMAN LAUGHS with the rest of the audience at the clowns' antics, good-humoredly shakes hands with one when he reaches across parapet.



TAKING ADVANTAGE of her good nature, the clown rudely vaults parapet, bent on sitting on her lap. "That's enough," snapped Mrs. Truman. He left.



eyes are on
Kayser gloves

... FOR GOOD AND FITTING REASONS

KAYSER HOSIERY • UNDERTHINGS • GLOVES • LINGERIE



Mitropoulos CONDUCTS RACHMANINOFF'S "ISLE OF THE DEAD"

Hear this great music—inspired by a great painting—on Columbia Records!

His imagination fired by the dark, shadowy beauty of Arnold Böcklin's famous painting, "The Isle of the Dead," Serge Rachmaninoff has given us one of the loveliest symphonic poems in all musical literature.

Hear it at its best—played by the great Minneapolis Symphony Orchestra . . . magnificently conducted by Dimitri Mitropoulos . . . brilliantly recorded by Columbia. (*Isle of the Dead*, Set M-MM-599, \$3.50)

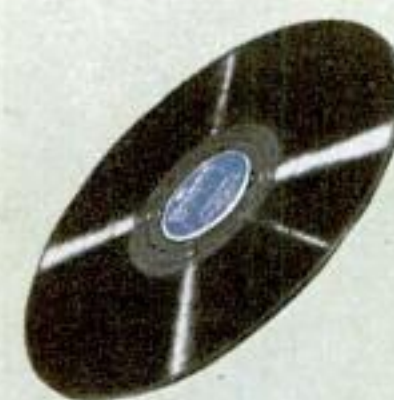
Mitropoulos—one of the many world-famous conductors who record exclusively for Columbia—is not only

one of the most gifted conductors of our time, but he is a poet in his musical interpretations. Under his inspired direction, the Minneapolis Symphony Orchestra gives a deeply moving performance of Rachmaninoff's great work. Its rare tonal beauty is superlatively reproduced—with amazing concert-hall realism—on Columbia Records.

Hear this and many other Dimitri Mitropoulos triumphs with the same great symphony orchestra—recorded by Columbia. On Columbia Masterworks Records *Great Music Is More Faithfully Yours!*



Hear Columbia's popular stars on Martin Block's "Columbia Record Shop." Tune in every Saturday afternoon. See your newspaper for time and station.



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Gyorgy Sandor: *Piano Music of Liszt*, including *Sonata Quasi Fantasia*, *Concert Etude No. 2 in F Minor*, *Funérailles*, *Liebestraum No. 3*, and *Hungarian Rhapsody No. 15*. A superb collection. Set M-MM-602. . . . \$4.50



Dennis Morgan (Tenor): *The Desert Song* by Sigmund Romberg (with chorus and orchestra conducted by Edgar Roemheid). Set X-260. . . . \$2.00
The Lost Chord, and *Battle Hymn of the Republic*. 7442-M. . . . \$1.00



Andre Kostelanetz and the Robin Hood Dell Orchestra of Philadelphia in *Music of Tchaikovsky*. A very brilliant performance. Set M-601. . . . \$3.50
Ravel's *Bolero* and Massenet's *Meditation from Thais*. Set X-MX-257. \$2.50



Nathan Milstein (Violin): Mendelssohn's *Concerto in E Minor* (with Philharmonic-Symph. Orch. of N. Y., cond. by Walter). Set M-MM-577. . . \$4.50
Lalo's *Symphonie Espagnole* (The Philadelphia Orch.). Set M-MM-564. \$3.50



Jennie Tourel (Mezzo-Soprano): sings Prokofiev's *Alexander Nevsky* (with The Philadelphia Orchestra, Ormandy cond.). Set M-MM-580. . . \$5.50
Villa-Lobos' *Serestas* (Brazilian Serenades). Set X-249. . . . \$2.50

The value



G. F. SWIFT
1839-1903

THE IDEA:

"Don't let the best you have ever done be the standard for the rest of your life."

. . . Gustavus F. Swift's frequent advice to the men and women of the company he founded.

THERE ISN'T A product in the Swift line that isn't constantly being worked on by Swift's laboratory and product men and women in the pursuit of perfection. Self-satisfaction and complacency have no place in their thinking. And dramatic contributions to better nutrition and better flavor are continually being made. Such was the case when tender beef was added to the already excellent and successful formula of Prem.

Many other product improvements have resulted from this painstaking, time-consuming research and labor: The tendering of the skins of Swift's

Premium Frankfurts, for example. The superior flavor and "sweet smoke taste" of Swift's Premium Bacon, the "brown sugar" cure of Swift's Premium Ham, the present day perfection of dozens of wonderful Swift's Premium Table Ready Meats.

The spotlight of self-criticism

Every product bearing a famous Swift brand name lives in a spotlight at Swift & Company. It is watched over by the largest food research laboratory in the world. It is checked, re-

checked and checked again by a quality control system that is alert to every deviation from the very highest standards. It is tested under actual home kitchen conditions by Martha Logan, Swift's Home Economist, and her staff of capable assistants. *It must be good*—right to your table!

Look for the name Swift

So remember: The name Swift on any cut of meat, on any packaged or canned food is your absolute assurance that this product, which you are about to serve, is the finest of its kind. It's your best guide to top quality always.

Swift & Company

FOOD PURVEYOR TO THE U.S.A.



Swift Quality Foods. This Swift Quality Seal identifies a family of food products which you can buy with complete confidence that each is the finest of its kind. All of Swift's resources, its 60 years of experience, the technical skills of its great laboratories and test kitchens stand behind this pledge.



SWIFT'S PREMIUM LAMB



SWIFT'S BRANDS OF BEEF



SWIFT'S PREMIUM FRANKFURTS



SWIFT'S PREMIUM TABLE READY MEATS



SWIFT'S PREMIUM HAM



SWIFT'S PREMIUM BACON

of an idea ~

A TYPICAL RESULT:

Swift's Prem had long enjoyed a reputation as a quality food product. Yet men at Swift constantly sought ways to improve it. Their efforts were dramatic and successful. For when tender beef was added to the formula, better flavor and texture resulted. American homemakers, 3 to 1, applauded the addition of beef.





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41,000,000 telephones**

...but what else do I make?"

"I *do* make good telephones and I'm proud of every one of them.

"But your Bell Telephone would be completely silent without the *other* things I produce to go with it.

"Wire for instance... miles and miles and miles of it. Acres of reels of cable... thousands of intricate switchboards... delicate electronic apparatus to improve your long distance calls. And that's only the beginning...

"That's just my *manufacturing* function for the Bell System. (I've been at it since 1882.) I'm *purchaser* for the Bell telephone companies, too. I *distribute* equipment and supplies to them throughout the nation. I even *install* central office equipment.

"I've helped to make our nation's telephone service the best in the world and the most economical.

"My name? Remember it...

"It's Western Electric!"

MANUFACTURER...
of 43,000 varieties of
telephone apparatus.

PURCHASER...
of supplies of all kinds for
telephone companies.

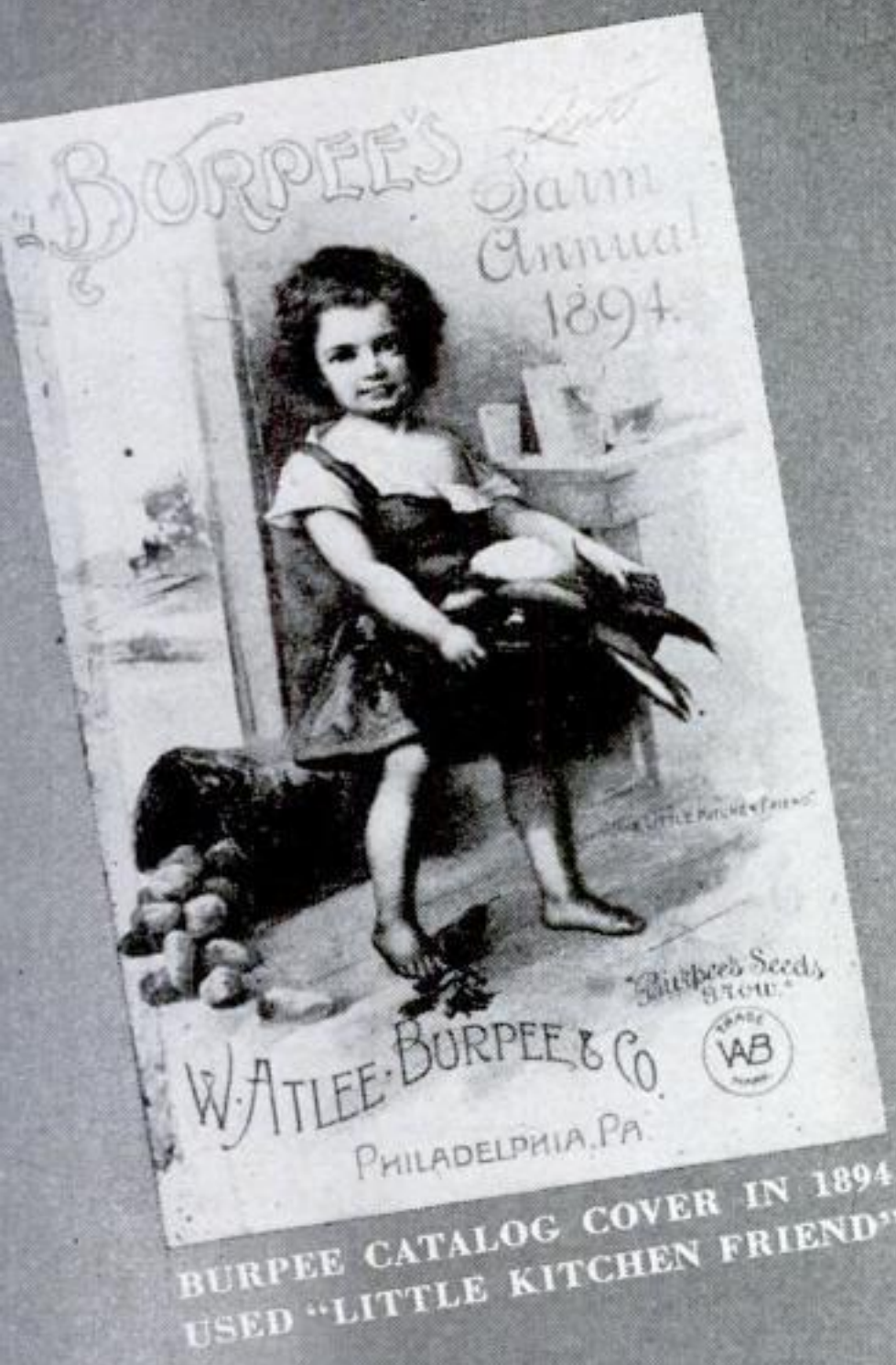
DISTRIBUTOR...
of telephone appa-
ratus and supplies.

INSTALLER...
of telephone central
office equipment.

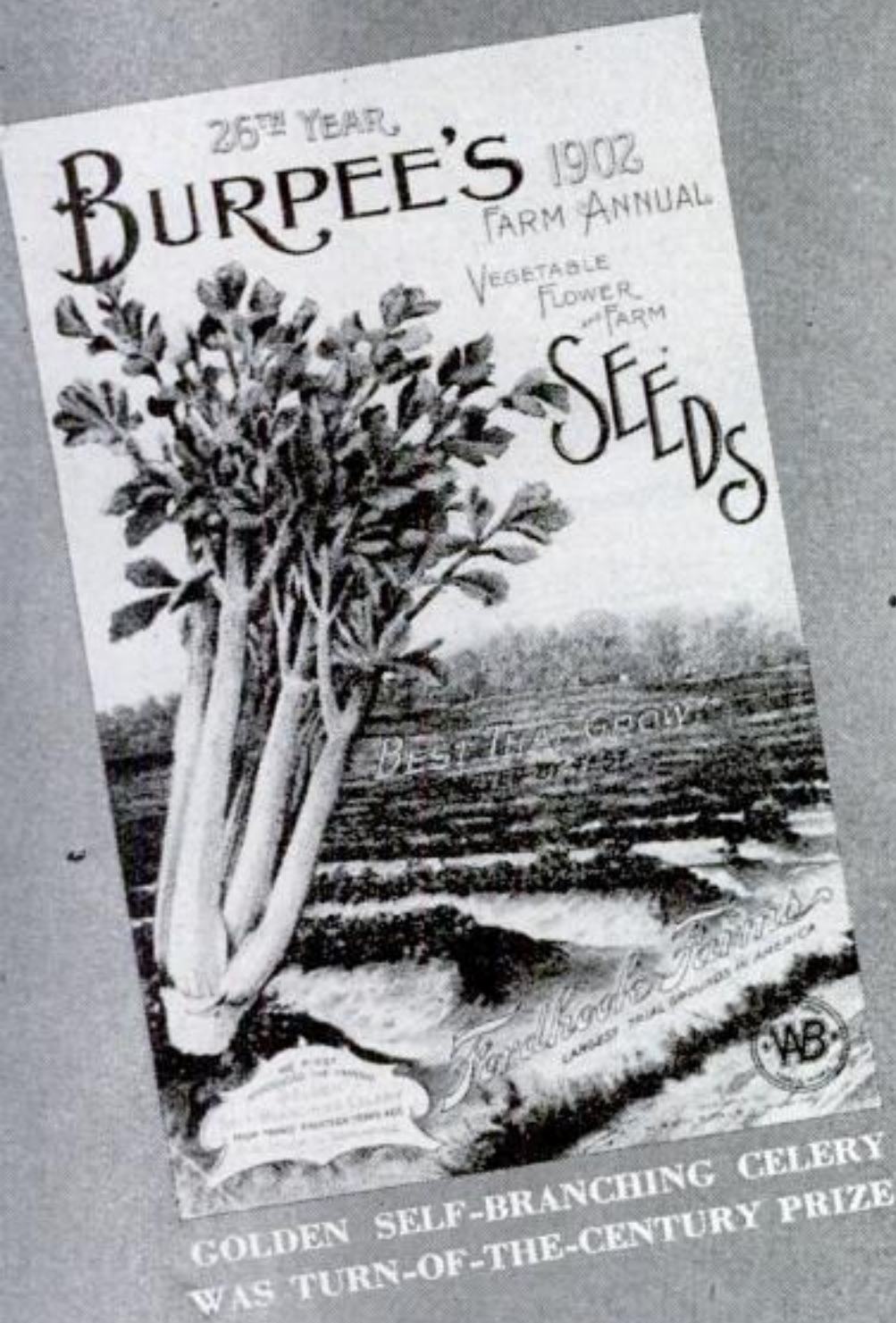
FOR THE BELL SYSTEM



Western Electric



BURPEE CATALOG COVER IN 1894
USED "LITTLE KITCHEN FRIEND"



GOLDEN SELF-BRANCHING CELERY
WAS TURN-OF-THE-CENTURY PRIZE



ON HIS PENNSYLVANIA FARM BURPEE INSPECTS THE ODORLESS MARIGOLDS HE DEVELOPED

David Burpee

Top U.S. seedseller is showman who glamorizes the crossbreeding of his flowers or vegetables

by ARTHUR BARTLETT

IN 1930 the W. Atlee Burpee Company, America's biggest mail-order seed house, bought a prize package. Luther Burbank, the experimental horticulturist, had died in 1926 and his widow had sold the rights to his unfinished work to the Stark Brothers Nurseries. Stark Brothers, in turn, being primarily interested in fruit trees, resold the rights pertaining to flower and vegetable seeds to Burpee. The major tangible asset thus acquired consisted of one battered old trunk in which Burbank had stored away various batches of seed. David Burpee, president of the seed house, posed for a picture peering at the contents of the trunk with apparent scientific excitement. Conceivably this prize package contained the raw materials for many new and startling plants. Anyway, whatever the value of the seeds, the picture, inevitably captioned "The

Luther Burbank Treasure Chest," was visual evidence for millions of home gardeners that David Burpee had succeeded to the mantle of Burbank.

To date the Burbank trunk has sprouted no miraculous flower, no exotic vegetable. One giant zinnia now in the Burpee catalog owes its pastel shades, but not its gigantism, to Burbank's earlier work. This treasure, one of two accredited to the Burbank chest, is called, significantly, not the Luther Burbank but the David Burpee zinnia.

In his own way Burpee has, indeed, carried on: he is the backyard gardener's Burbank. He has given the world hundreds of new varieties of flowers and vegetables in the last quarter of a century. As a seed merchant he always makes a point of having something new in his annual catalog. Within the past year he put seeds for

Announcing

THE DOUGLAS DC-3
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Orders are now being taken

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individuals and corporations

for this luxury version of the

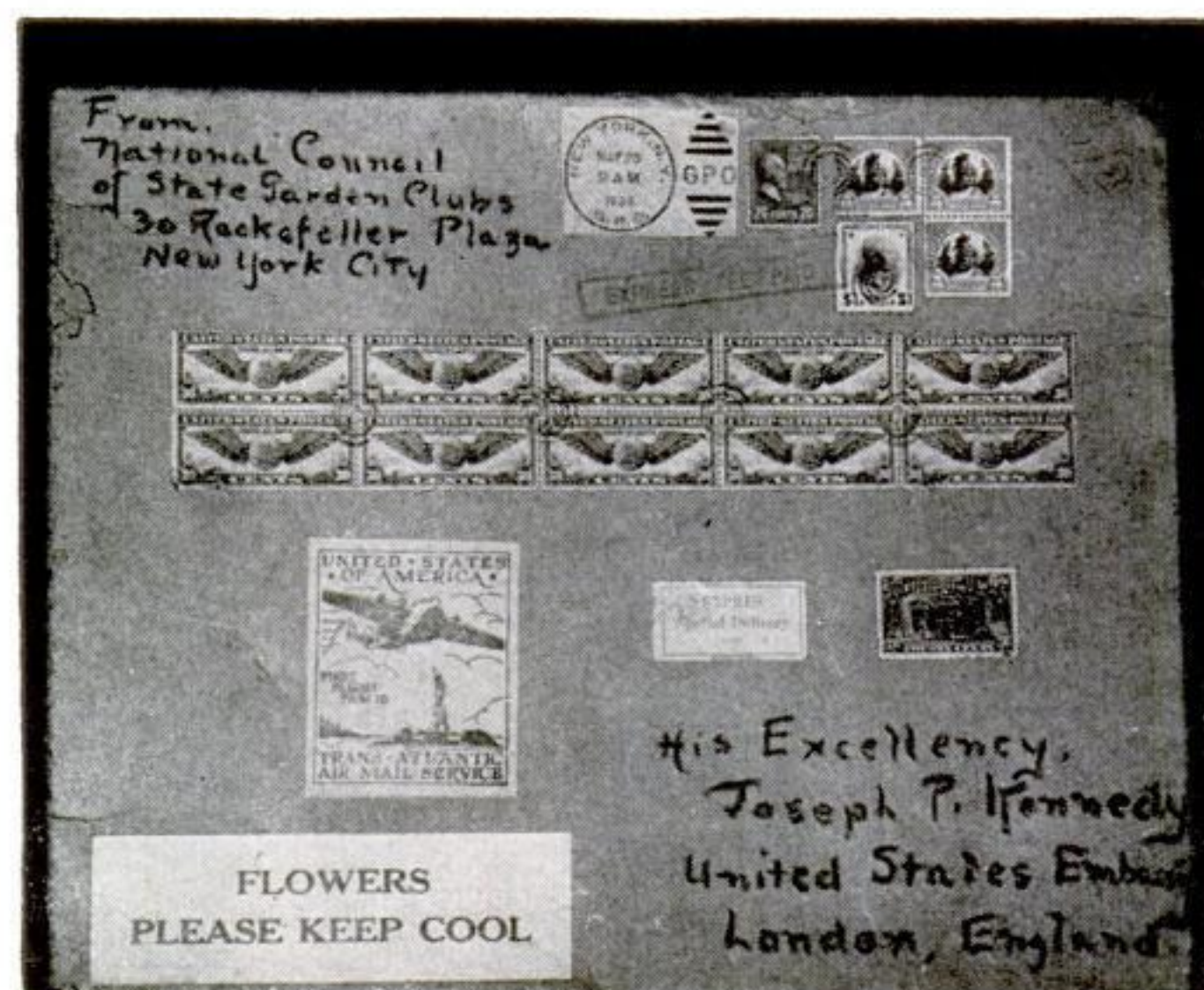
world's most thoroughly proven

airplane. • Deliveries start

July 1946. Prices on request.

DOUGLAS AIRCRAFT COMPANY, INC.

Santa Monica, California



MARIGOLDS FOR QUEEN MARY, first flowers to cross Atlantic by air, were sent via Ambassador Kennedy in 1939 to get Burpee some publicity.

BURPEE CONTINUED

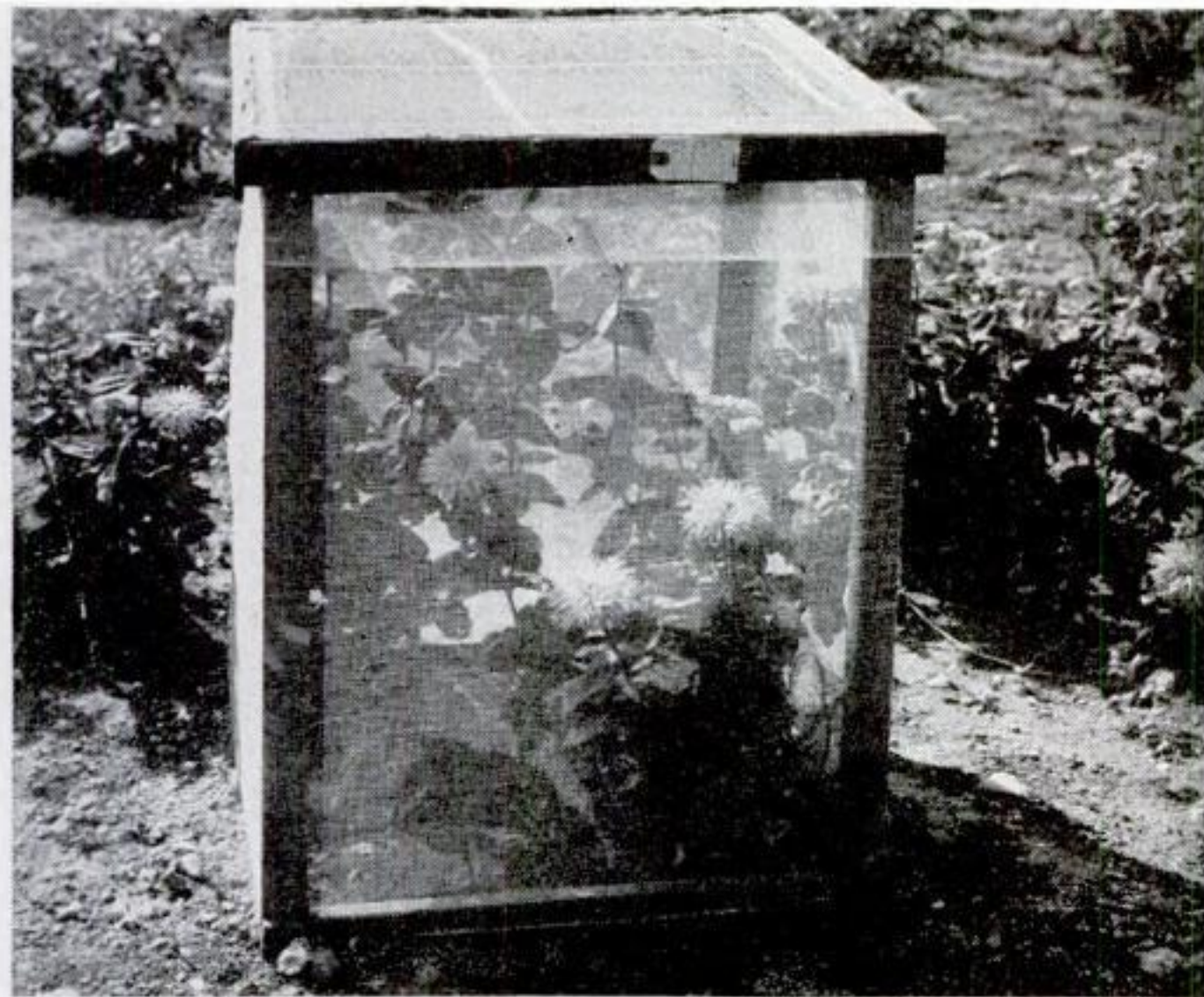
the first hybrid tomatoes and hybrid cucumbers on the market, an achievement for which many muscle-weary, back-aching home gardeners and farmers may well bless him for years to come. Other hybrid vegetables are sure to follow and, since they tend to be hardier, more disease resistant and higher yielding, they mean more food for less work. Next year will find a hybrid eggplant listed as a new Burpee offering.

The newspaper account of the Burbank purchase included the announcement that Burbank and Burpee's father, W. Atlee Burpee (W. for Washington), had been cousins. The cousinship has now been firmly implanted in Burpee folklore by being mentioned in countless newspaper stories about Burpee introductions, but just how the blood lines converged has never been very fully explained to the public. Whatever the genealogical connection, Burpee is quite a different kind of genius from the late great wizard. Far from being a solitary, academic putterer, he operates as a business executive, hiring Ph.D.s and other trained hands to do his scientific spadework. A Philadelphian, he looks like an expensively tailored college professor, talks like a popular women's club lecturer and runs the family seed business like an absolute monarch. He lives on Fordhook Farms in Doylestown, Pa., the company's original trial seed-growing farms, but he is seldom there except on weekends. Weekdays he is usually in Philadelphia, in the almost ostentatiously plain and functional main offices of the company. A typical country-store seed rack in the main lobby where anyone may come in and buy a 10¢ packet of seeds from the receptionist, keys the décor of the place. The seed rack is also the symbol of his activities. Burpee guides and directs his scientific hired men as minutely as he does those of his sales staff, and to the same end: to sell seeds.

Despite this commercial motivation, or perhaps because of it, many objective authorities hold that Burpee has contributed more to the advance of horticulture and agriculture with his new plant varieties than Burbank did with his. This is more of a tribute to the American economic system than a slur on Burbank. Selling seeds is a very competitive business, and every big seed house is constantly trying to develop new and better varieties to win and hold customers. This is a very healthy state of affairs, leading to continuing improvements in hardiness, yield and other practical qualities, as well as to showier developments. Burpee seldom lets a year pass without at least one major scoop over his competitors.

Burpee openings are festive

He is a master showman and for years, except during the war, it has been his standard practice to hold an "unveiling" of his newest offering just before catalog time, at The Waldorf-Astoria. As many as 4,000 people may attend—horticulturists, garden-club members and the press. The invitations are engraved and so are the door cards. Flowers, usually flown from California, are displayed in profusion, but the main event is Burpee's own inside story of how the newest gift to the plant world came into being. The Frank Buck of seedsmen, he gives the story of the creation of a sweet pea the breathless excitement of a tiger hunt.



BEST SPECIMENS of flowers, like these Burpee zinnias, are hand-pollinated to preserve strain. Cheese-cloth protects flowers from pollination by insects.

The story of the odorless marigold, which he introduced in 1935, is a good example of the narrative possibilities that he brings to such an occasion. In the '20s sweet peas, which had been the company's biggest seller in flower seeds for summer bloom, had fallen off in sales as a root disease cut down their hot-weather hardiness, and Burpee began looking for some other flower to develop and push. The marigold, he decided, had great possibilities, except that the leaves carried minute oil sacs which gave off an offensive odor. The odor was a protection to the plant, discouraging foraging animals and even insects from eating it, but it militated against the marigold's popularity in the same way that a skunk's protective odor affects his desirability as a household pet. Burpee, hoping that somewhere a marigold without the odor might have developed, began collecting all the varieties he could locate and smelling them. Altogether he collected the seeds of 642 samples from North and South America, Europe, Africa, Asia and Australia. He grew experimental plantings of all of them and sniffed each one individually. They all stank.

Saved from failure by a missionary

At this point the story takes a dramatic turn. He received a letter from a missionary on the far Tibetan border of China stating, "I thought you might be interested in a marigold growing here which the Chinese call the Big Golden Aster. If you will send me \$25, I will send you an ounce of the seed. It came from Tibet and *it has odorless foliage.*"

The seeds came and he had them planted. But the Big Golden Aster turned out to be a small and unlovely, even though odorless, marigold. It would take years of crossbreeding to develop a salable flower from it.

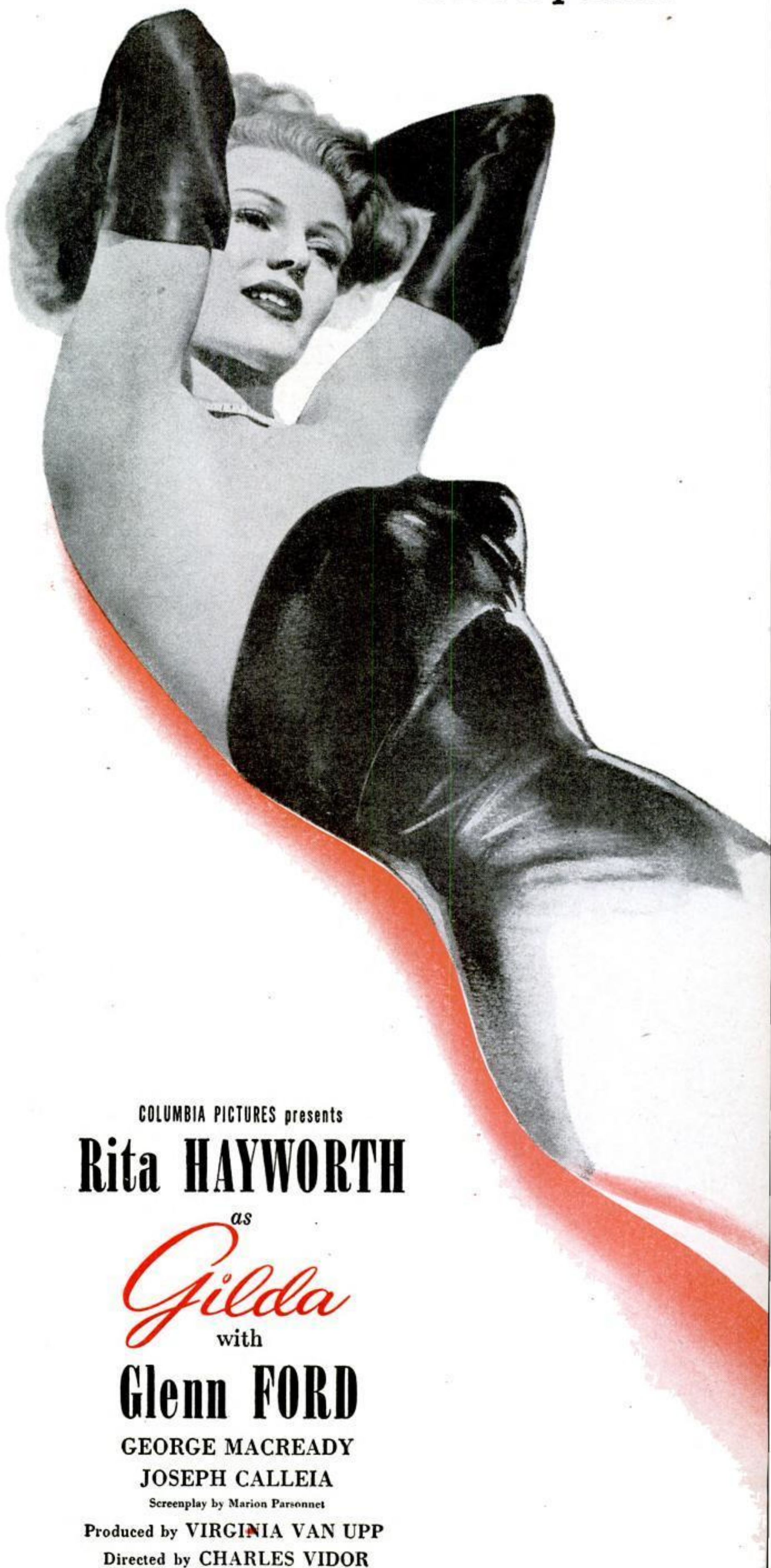
A freak of nature saved the project from complete failure. Out in the trial garden where the missionary's forlorn marigolds were growing, a rare mutation occurred. According to Burpee, it might occur no more than once in 900,000 times. In the midst of the scrawny flowers was one blossom that was entirely different — a big, beautiful, golden-orange marigold which was odorless—waiting to be multiplied by its own seed. He named it Crown of Gold and sent the missionary \$100 that night, plus a bonus of \$125 two years later.

The missionary, a man named Holton, is now on Burpee's regular payroll. "He told me afterward," Burpee likes to say smugly, "that he wrote that same letter to five other seedsmen. None of the others was willing to risk \$25."

Burpee's own willingness to spend money to make money irritates some of his more conservative competitors. "Thousands and thousands of dollars are spent annually by us in research, experimenting, breeding and testing, so that you may receive seeds of the highest quality and vitality," he told his customers in 1940, in the folksy, personal letter which he writes as an introduction to each catalog. Other companies, of course, invest similarly in research, but Burpee, in addition to the routine work, delights in playing hunches, regardless of expense. After he had found his odorless marigold, for instance, he suddenly had the idea that just as a mutation had given him an attractive flower in the odorless

CONTINUED ON NEXT PAGE

*"... now I do what I please,
when I please!"*



COLUMBIA PICTURES presents

Rita HAYWORTH

as

Gilda

with

Glenn FORD

GEORGE MACREADY

JOSEPH CALLEIA

Screenplay by Marion Parsonnet

Produced by VIRGINIA VAN UPP

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Great as is her powerful dramatic portrayal—great, too, is this dancing Hayworth—singing "Put the Blame on Mame"!

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The precision of the watchmaker's art, the skill of the master craftsman go into every RONSON lighter. You'll delight in the convenience of the unfailing patented action. "Press, it's lit! Release, it's out!" Sturdy in use, handsome in appearance; truly, the finest of lighters.

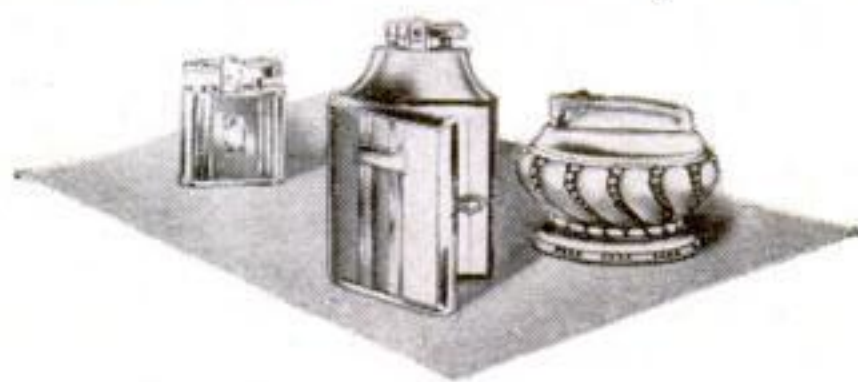
"Press, it's lit! Release, it's out!"
one-finger, one-motion



SMART TO OWN... SMART TO GIVE

See the Ronson family of lighters at your favorite dealer. Exquisite table models in gleaming silver plate, handsome lighters for pocket and purse, smartly styled cigarette case and lighter combinations. \$5.50 to \$200.

Individual orders cannot be filled direct



RONSON

WORLD'S GREATEST LIGHTER



... OUR FIFTIETH YEAR OF LEADERSHIP

BURPEE CONTINUED

patch, another mutation might give him an odorless plant in one of his standard, smelly patches. Acting on the hunch, he immediately ordered every employe on his California seed farm to stop all other work and start smelling all the marigolds. There were 30 acres of them, estimated at 554,000 plants, but for two days he had all his expensive help crawling along the rows on hands and knees, sniffing like so many hounds. Eventually the hunch paid off and one of the men found another odorless marigold. By breeding from this, as well as from the Chinese mutation, his scientists have since developed a whole string of odorless marigolds, and today marigolds are second only to zinnias in Burpee's sales. This year the company will plant 125 acres of them, from which the yield will be nearly 5 billion seeds for the 1947 season.

Another year one of his competitors scooped the trade with a new double nasturtium, which was named the Golden Gleam. All the other seedsmen, Burpee included, wanted to crossbreed it to produce the flower in different colors. Normally this would have taken three years, since three generations of crossbreeding were required to effect a new true type. But Burpee tricked nature again. When the first year's crop was up he had the seed shipped to his heated greenhouses at Fordhook Farms. By midwinter he had his second crop. The new seed was dispatched by plane to Florida, California, Puerto Rico and Chile, and even by fast ship to Australia. By spring, in just 11 months instead of three years, he had 50,000 seeds of his new multicolored, fragrant nasturtium.

He sows his seed by catalog

Burpee always names at least one new flower each year, usually a sweet pea, after some notable and well-publicized person such as Mrs. Douglas MacArthur, Pearl Buck, Helen Hayes, Mrs. Herbert Hoover, Kate Smith, Osa Johnson and Patrice Munsel. It is necessary to be very diplomatic in describing these named blooms in the catalog: Burpee recalls that another seedsman once named one after his mother and described it as "pure white, big and robust, with a wide, expanded form on stout stems." These gestures toward people with big names are good attention-getters. But Burpee's real aim is at Joe Doakes, the backyard gardener, and Mrs. Doakes of the garden club. He sends out many more catalogs than any other seed house, as many as 4,000,000 a year before the paper shortage forced a reduction to 3,100,000. He is well satisfied if the average order for seeds amounts to \$2 or \$3.

The psychology behind these methods dates back to Burpee's father, who ran the business as a highly personal institution from 1876, when he founded it at the age of 18, until his death in 1915, when son David took over at the age of 22. His father's start was with *W. Atlee Burpee's Catalogue of High Class Land and Water-fowls* and selling seeds was a sideline. In succeeding years he offered sheep, hogs, cattle and dogs, but by 1880 he was concentrating on seeds and offering a Singer Sewing Machine, 1880 model, to anyone who could sell 300 25¢ packages. In later years he further stimulated sales by offering a free packet of flower seeds with purchases of vegetable seeds.

David had just entered Cornell in 1914 and had come home for his Christmas vacation when his father became ill. Young Burpee decided to quit school and go into the business. His father, several years before, had offered him \$1,000 if he could find or develop a true-yellow sweet pea and David had plunged energetically into the science of plant breeding to pursue this prize. Neither he nor anyone else has yet been able to develop a yellow sweet pea, but the monetary inducement to keep on trying to outsmart nature has never since been lacking.

The standard method of developing new varieties of plants is only a mild trick on nature: a plant, whether a mutation or an especially desirable specimen, is selected for seed and then only the best specimens are saved for generation after generation until all the seeds produce plants with the uniform traits desired. Crossbreeding is trickier, though both Burpee and other seedsmen have been doing it for years. In 1940, however, Burpee really got rough with nature: he drugged her. Dr. Albert Francis Blakeslee, a Carnegie Institute geneticist, had been experimenting with the effect of a drug called colchicine on plant cells. He had found that the drug, derived from the root of the autumn crocus and previously used primarily as a gout remedy, doubled the chromosomes in the germ cells, producing sharp changes which bred true. It increased the rate of growth of tobacco, phlox, onions and other plants and changed some of them so much that a bottleneck squash lost its neck and spearmint came up with a lemon flavor. Such experiments by Dr. Blakeslee and other scientists were strictly within the confines of scientific cloisters, but Burpee brought the trick out

CONTINUED ON PAGE 56



"E" stands for energy in electricity,
fuel or food. Everybody needs energy.
Margarine has energy for everybody.

**MODERN MARGARINE is food Energy in concentrated form.
It is a reliable year-round supplier of Vitamin A. Its taste
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Your dealer now has Rain Topcoats that do Double Duty

... Topcoat Smartness plus Showerproof Protection

Leading retailers now feature what thousands have waited for—the Rain Topcoat, of finely loomed super-fabrics that make one garment serve as two.

These fabrics in your favorite shade are soft-draping, rich to the touch, and retain their smartness for the life of the garment.

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Men who want the distinction of fine tailoring, fine fabrics, and eminently

correct style are selecting the Rain Topcoat by Rainfair. And they obtain full measure of utility in a garment that gives double duty rain or shine.

One for you is waiting at your retailer's. Ask for a Rainfair. Look for the label shown below.

FREE BOOKLET . . . How to make your Rain Topcoat last . . . our new free booklet gives you detailed instructions, and illustrates the popular Rainfair styles ranging in price from \$6.50 to \$30.00. Write for it today:

Lustretwill . . . \$16.75—(at left) Made from soft lustrous twill in smart shades of grey and tan. Raglan sleeves, slash pockets, convertible collar. **Tackle Twill . . .** Similar style from heavier weight Skinner's Tackle Twill. Originally developed for football pants and used in Paratroopers' uniforms. Colors: egg-shell and tan, also \$16.75.

Ziprain . . . \$13.75—(center) Styled after the English manner. Softly draping gabardine of fine combed yarn. Yoke and sleeve lining of strong silky rayon. Colors: bleached bone or light olive.

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Also manufacturers of Rainfair Vulcanized Work-Wear and Smartair Sportswear



THE ZEPHYR—Another Rainfair "must"—10 oz. RAINCOAT—100% WATERPROOF—\$10.00. Made from miracle war-developed fabric, stronger than fabrics 5 times its own weight. **Unconditionally guaranteed.** Folds to pocket-size in convenient self-fabric envelope. Stays soft and flexible indefinitely. **Belongs in every wardrobe.**

BURPEE CONTINUED

into public view with seed for a colchicine-produced marigold which grew as big as four inches wide and was tetraploid—in other words, double-double. Two years later he brought out two new calendulas on which a somewhat similar effect had been wrought by X-ray. He called them his X-ray Twins and explained at a Waldorf "unveiling" that the action of the X-ray caused the breaking-up of the chromosomes in the seed and made the next generation of plants go crazy.

The lengths to which Burpee will go to wangle something out of nature for his customers is well illustrated by this year's hybrid tomato. Hybrid corn had been on the market for years and had been a great boon to farmers—so great, in fact, that without the bigger crops which it made possible, we would have been much hungrier in the war years than we were. Producing the seed for hybrid corn, however, is comparatively simple, since the wind does the work of cross-pollination. In the case of such vegetables as cucumbers and tomatoes it must be done by hand and the work repeated each year, since the hybrid vegetables, left to their own reproductive devices, produce weak and imperfect offspring. For this reason the production of hybrid seeds on any commercial scale was generally considered too costly to be practical. Burpee decided to try it anyway and hired 60 girls from Vassar, Smith, Bryn Mawr and other colleges to spend the summer with tweezers and brushes. He priced the seed high—a packet of 30 for 25¢, or nearly a cent apiece—but sold out the cucumber seed even before the catalog was fully distributed and the tomato seed soon after.

His whole life centers on plants

Burpee's mind and his conversation seldom leave plants and seeds except when he is riding to hounds, his favorite sport, and he has been known to jump from his horse to pick a four-leaf clover. One night not long ago he went upstairs to dress for a dinner party, but his mind was so completely taken up with a new plant project that he took off his business clothes, absent-mindedly put on his pajamas and slid into bed. His wife had to call him back to reality.

For more than 20 years after he had taken charge of the company, he was so engrossed in the plant world that he did not get married and was considered a confirmed bachelor. In 1938 he surprised friends and relatives by marrying Miss Lois Torrance of Norfolk, Conn. The romance had developed in the favorable atmosphere of the New York Flower Show, where she was helping with the Burpee exhibit. They live, with their two small children, in the somewhat baronial Big House at Fordhook Farms, the original portion of which was a barn when Burpee's father first bought the place.

Even at dinner parties at Fordhook the table talk runs mostly to plants. Burpee's supply of stories is almost inexhaustible, but he usually winds up the horticultural chitchat with this advice, "There is an old Chinese proverb that if you want to be happy for an hour, get drunk. If you want to be happy for a weekend, get married. If you want to be happy for a whole week, kill your pig and eat it. But if you want to be happy all your life, become a gardener." And then, settling back comfortably in his chair, he adds, "And plant Burpee's seeds."



HYBRID CUCUMBERS were carefully tended by girl students from nearby schools and colleges, who were specially hired to hand-pollinate latest crop.

COME OVER WHERE I CAN WHISPER—'CAUSE

*I Like
"SMOOTH
MEN"*

WHO KEEP PRESENTABLE LONGER WITH
MENNEN
BRUSHLESS SHAVE CREAM

HERE'S PROOF YOU GET
A BETTER SHAVE!

More Dermatologists Use
Mennen Brushless Than Any Other
Brushless Shave Cream!*



THE way she looks at you tonight depends on the way you look to her. So, enjoy that "just-shaved" smoothness all day... be "nice to be with" tonight. Use Mennen Brushless—the shave cream that keeps you presentable longer.

Nationwide surveys show: More dermatologists use Mennen Brushless than any other brand! And who knows more about what's best for your skin than *doctors who specialize in skin care? Like you, these doctors want smooth, clean shaves that last.

So, for faster, cooler, more comfortable shaves, change to the choice of experts—Mennen Brushless. See how much smoother, creamier it is and how much easier it is to apply. Get Mennen Brushless Shave Cream today!



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**ITS HE-MAN AROMA
"WOWS" THE LADIES!**

Mennen Skin Bracer is America's favorite after-shave lotion. You'll like its refreshing, "wake-up" tingle. Try it!

NEWS FOR LATHER SHAVERS!

Choose Mennen—Plain or Menthol-Iced! Its fast-acting lather wilts whiskers. Your razor glides along on wings! See how well groomed it makes your face look and feel.

THE TRUE CROSS

PIERO'S ART PRESERVES MEDIEVAL LEGEND.

For many years lovers of Renaissance painting have considered the spacious, weather-beaten Church of San Francesco in Arezzo near Florence one of the great shrines of Italian art. San Francesco's claim to distinction lies in a series of frescoes painted in its central chapel about 1460 by Piero della Francesca, one of the greatest masters in the history of painting.

Piero's frescoes, photographed for LIFE by Fernand Bourges and reproduced in color on the following pages, constitute the most eloquent pictorial representation ever achieved of the legend of the True Cross.

Piero's great paintings have survived in most of their original splendor despite threats of violence and centuries of neglect. In the

latter part of the 19th Century the church fell into such a state of disrepair that water from a leaky roof partially defaced the frescoes. During World War II Nazi soldiers mined the structure and were only dissuaded from blowing it up by the heroic action of a non-Nazi German official who risked his life by countermanding the orders of the German command.

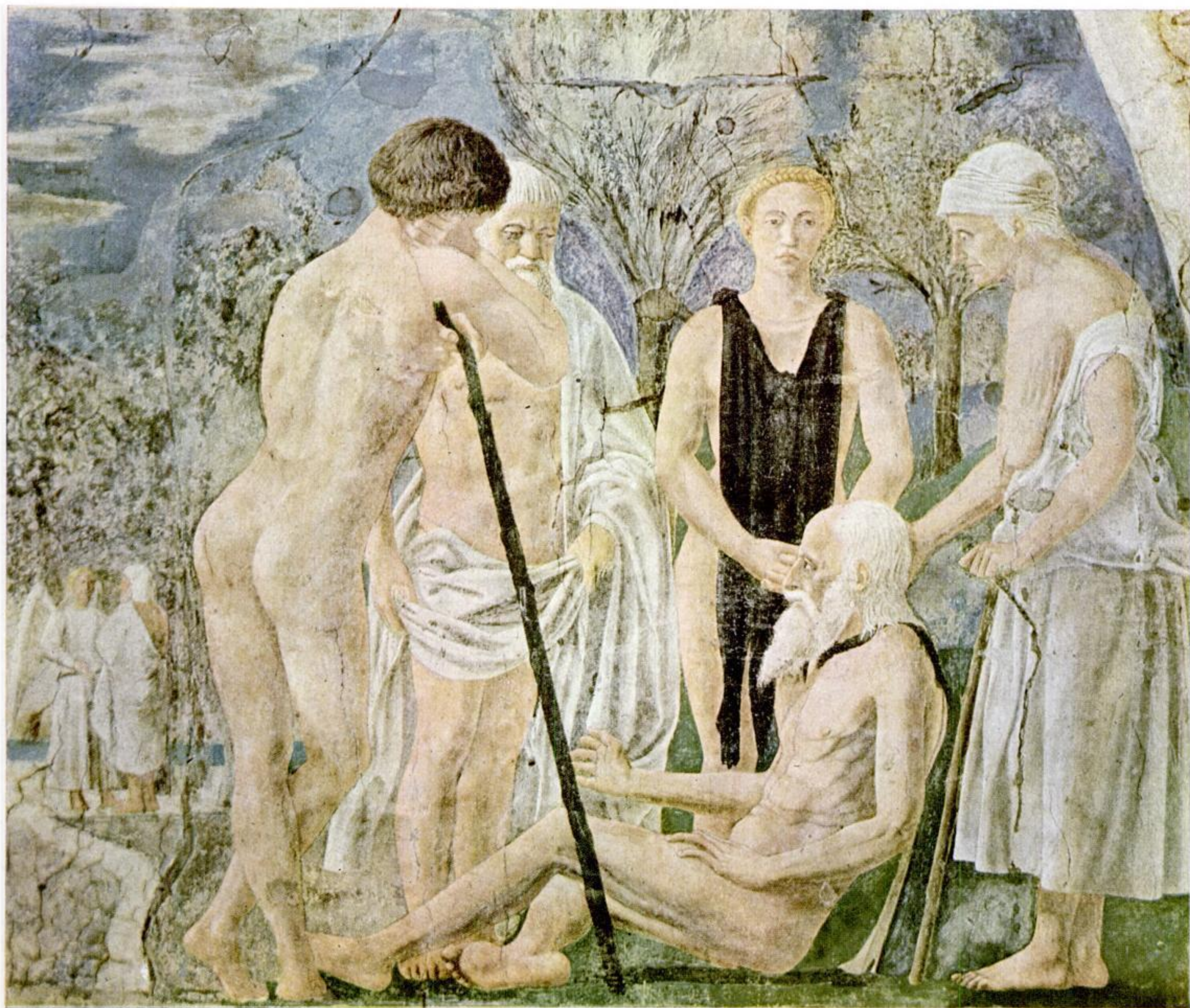


IN THE CHAPEL (AT REAR) OF THE GLOOMILY BEAUTIFUL CHURCH OF SAN FRANCESCO, PIERO'S FRESCOES STILL TELL THEIR STORY

The story of the Cross, as painted by Piero della Francesca, coincides strictly neither with history nor with Biblical record. It is based on one of the innumerable legends that flowered during the Middle Ages when the mind of Christendom was concerned more with the poetic embellishment of religious belief than with factual history. In this legend the Cross appears as a supernatural object that existed almost since the beginning of time, its powers only dimly suspected by mankind until it emerged magically to play its role in the great drama of the Crucifixion. Its subsequent history, in the legend, is tinged with this same quality of eternity. The



Cross remains not merely a symbol but an actual religious talisman, potent and indestructible, working miracles, venerated with that medieval literalness that finally culminated in the Crusades. By the time Piero painted his frescoes the Crusades were long since past and the legend, at least in part, had been discredited by the intellectual researches of the Renaissance. History was being rediscovered, and two centuries of growing enlightenment had cast grave doubt on many such legends that the Middle Ages had taken as literal truth. But its poetic grandeur remained to inspire Piero to create one of the greatest masterpieces of Renaissance painting.



THE LEGEND BEGINS with the death of Adam. As he lay dying, his son Seth received from the Archangel Michael the sacred seed of the tree which was later to provide the wood of which the Cross was made. When Adam was buried, Seth planted the seed in his mouth and the tree grew upon his grave. Complete lunette (*at top*) shows three separate scenes. At right Adam, surrounded by his family, announces his approaching death. At left Adam lies shrouded while his descendants lament and Eve wails with outstretched arms. In the background (*to right of tree*) Seth receives the seed from the angel. Enlarged detail (*below*) shows lunette's right-hand scene with Eve at right and Seth (with white beard) looking on.



BY THE TIME OF KING SOLOMON 3,000 years later the seedling that had sprouted from the mouth of Adam had grown into a mighty tree. "And," says the medieval chronicler Jacopo de Voragine, "because he saw that it was fair, he did hew it down and set it in his house called Saltus. And when the Queen of Sheba came to visit Solomon, she worshipped the tree, because she said the Saviour of all the world should be hanged thereon." Most famous of all Piero della Francesca's scenes is the magnificent one above showing the Queen of Sheba, accompanied by her handmaidens, praying before the tree, which is here represented as a great block of hewn timber lying on the ground in front of Solomon's palace.



SOLOMON RECEIVES THE QUEEN OF SHEBA and hears her strange prophecy about the tree he has cut down and preserved. This scene, like the one preceding, has remained in an almost miraculous state of preservation, showing in full the rich color and stately draftsmanship of which Piero della Francesca was a supreme master. The costumes, unlike the legend, are neither biblical nor medieval. Like many Renaissance painters, Piero painted the ancient world in modern dress, clothing his characters in the elegant garb worn by the society of his own time. The columns, paneling and other magnificent decorations of the interior of Solomon's palace are also typical of Italian Renaissance architectural workmanship.

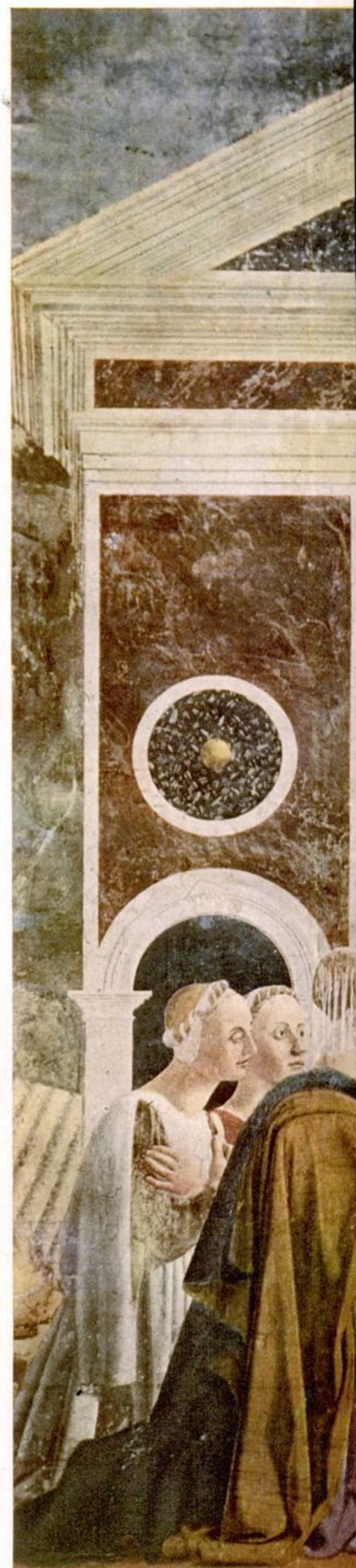


THE SACRED TIMBER is borne at King Solomon's command to a secluded spot and buried deep in the ground. According to subsequent parts of the legend omitted by Piero, the people of Jerusalem later dug a great pit over the spot where the wood was buried and filled the pit with water in order that the priests of the temple might wash their sacrificial animals there. "And," continues Chronicler Jacopo, "when the time approached for the passion of our Lord, this tree rose out of the water, and floated above the water, and of this piece of timber made the Jews the cross of our Lord," Curiously, Piero omitted the Crucifixion itself, probably because the chapel he was decorating had no appropriate space for it.





THE SYMBOL OF THE CROSS was carried into battle by the Roman Emperor Constantine almost 300 years after the Crucifixion when he marched against his rival Maxentius. Constantine had received the symbol in a dream from an angel who assured him that it would enable him to overcome his enemies. He was later converted to Christianity, becoming the first Christian emperor of Rome. Here Constantine marches at the head of his hosts, holding the Cross in his right hand. The beautiful banners carried by Constantine's army are typical of medieval heraldry. The medieval chroniclers, not too sure of their geography, placed Constantine's battle on the Danube. Actually it was fought on the banks of the Tiber.



IN JERUSALEM Constantine's mother, later canonized as Saint Helena, sought the True Cross which had been buried at Golgotha following the Crucifixion. Inquiring, Helena finally found a man named Judas who knew its burial place but refused to divulge it. Helena caused him to be thrown into a dry well and starved until he was willing to talk. Then, in the scene above, he was fished up out of the well again. Judas led Helena to the place where the Cross was buried and, according to Chronicler Jacopo de Voragine, "the earth moved, and a fume of great sweetness was felt, in such a wise that Judas smote his hands together for joy and said: 'In truth, Jesu Christ, thou art the Savior of the world.'"



IDENTIFICATION OF THE TRUE CROSS remained a problem. Its burial place turned out to contain three crosses, that of Jesus and those of the two thieves who were crucified with him. In the streets of Jerusalem Saint Helena and Judas found a solution to the problem. They held each cross in turn over the dead body of a young man who was being borne past in his coffin. When the True Cross was thus held, the young man was miraculously resurrected. In Piero's fresco (*above*) Judas, now a converted Christian, holds the True Cross over the coffin while the young man rises from the dead. Saint Helena and her ladies in waiting pray at left. Piero's Jerusalem, like his costumes, is 15th Century Italian in style.

Piero della Francesca lived in Florence during the peak of the Italian Renaissance when art and letters flourished under the reign of the fabulous Medici family. He worked for the greatest families in Italy, was brought to the comparatively small provincial town of Arezzo by the Franciscan clergy to paint his magnificent frescoes. A man of remarkable intelligence and erudition, Piero was famous for his scientific and mathematical scholarship and for the authorship of two monumental treatises in Latin on the use of perspective in art. Like the other great painters of the Renaissance, Piero combined a knowledge of the medieval Italian

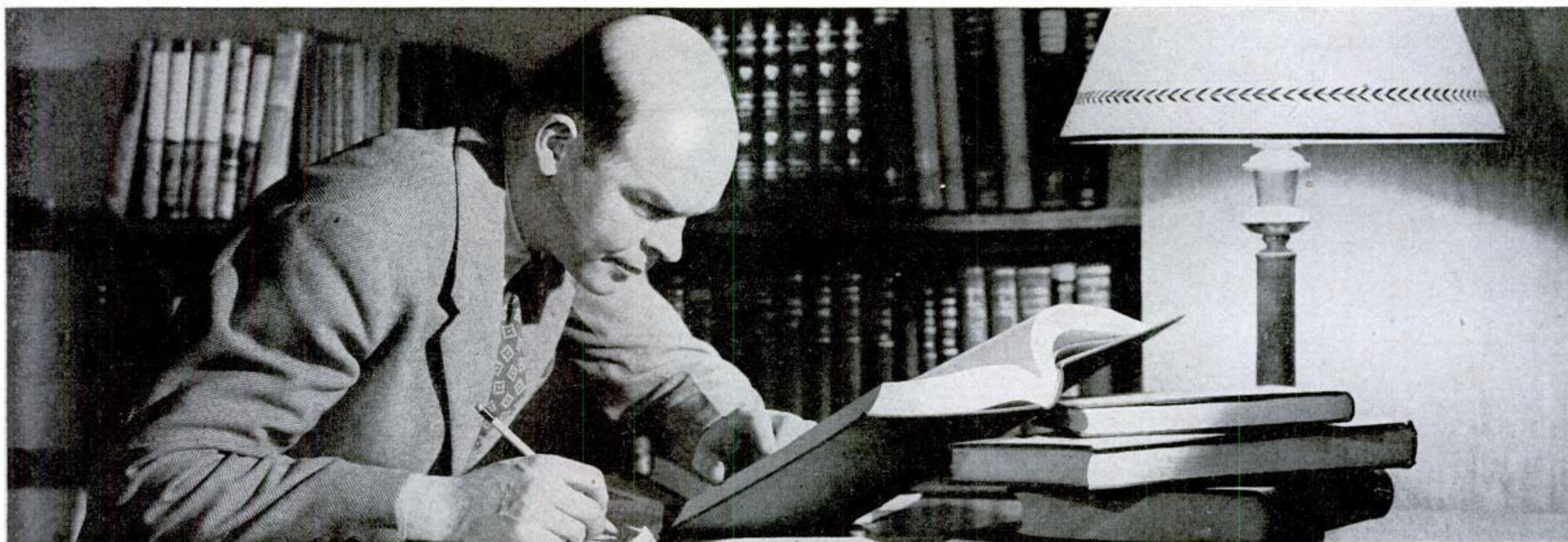


tradition with a close study of Ancient Greek and Roman sculpture, which had, at his time, been newly rediscovered and was exerting a profound influence on the arts in Italy. As a painter he was a great innovator and a creator of such vision that, though much admired, few of his contemporaries ever succeeded in imitating him. The legend of the True Cross has persisted ever since Piero's time. The Moslems destroyed its shrine in the sack of Jerusalem in the 10th Century. Many churches have claimed to possess pieces of the True Cross, notably the Church of Santa Croce in Gerusalemme in Rome where the headpiece is reputedly preserved.



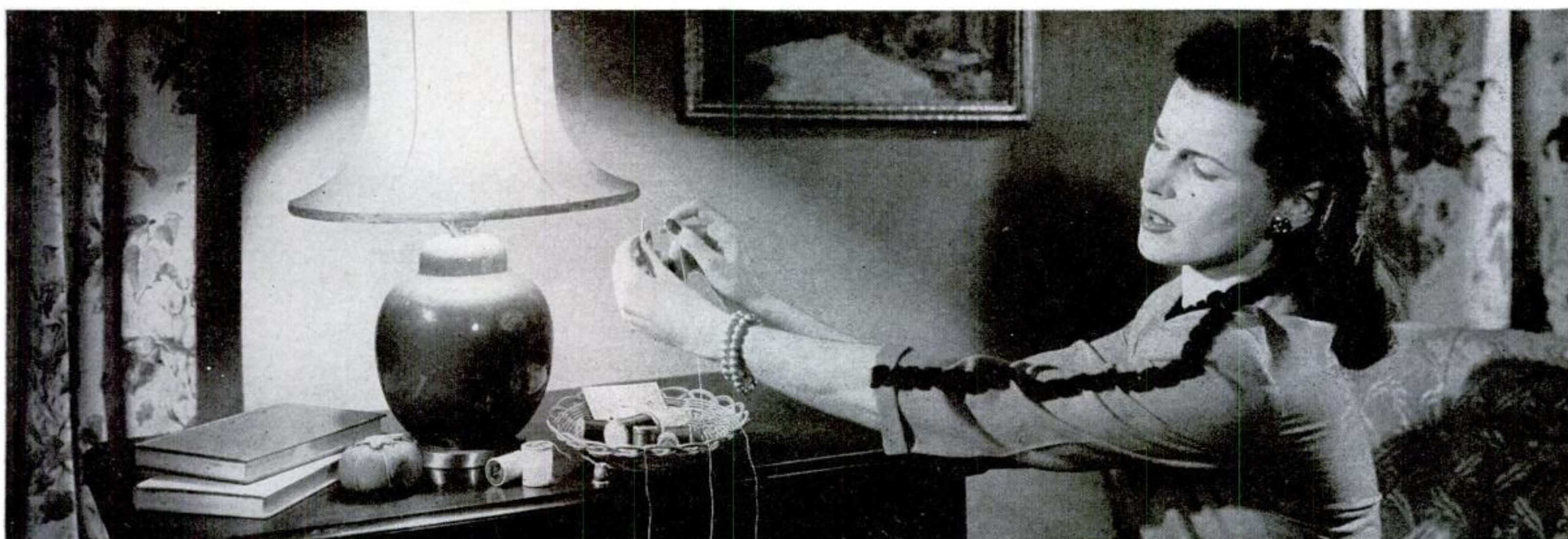
THE STORY OF THE CROSS ENDS, in Piero's frescoes, long after Constantine's time with its capture from the Persians by the Byzantine Emperor Heraclius. King Chosroes, of the expanding Persian Empire, had captured Jerusalem and stolen the True Cross. Heraclius went to battle against him, recaptured the Cross and carried it in great pomp back to Jerusalem. As he approached the city the gates closed mysteriously and an angel appeared, chiding Heraclius for the military splendor of his entry. Heraclius thereupon removed his shoes and humbly bore the Cross into the city. Large picture above shows Heraclius' battle with Chosroes. Lunette at top shows him barefoot, carrying the Cross into Jerusalem.

Health Superstitions



"Does baldness result from too much brain work?"

NO! In most cases baldness is simply hereditary. It may also result from some types of illness, or from glandular deficiency, but never from too much thinking!



"Do glasses alone correct faulty vision?"

NO! Important as they are, glasses alone cannot correct faulty vision. Your eye comfort and visual efficiency depend upon the professional services and technical skills of your Ophthalmologist, Optometrist, Ophthalmic Dispenser (Optician). Don't be satisfied with anything less than thorough eye care.

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EXAMINATION



REFRACTION



PRESCRIPTION



INTERPRETATION



FITTING



RE-EVALUATING



SERVICING

Careful people don't merely "buy glasses." They know that professional services and technical skills such as these are essential to eye comfort and visual efficiency. It is for these services and skills — not for glasses alone — that you pay a fee. *"Seek professional advice — not glasses at a price."*

American  Optical
COMPANY

Founded in 1833 — the world's largest suppliers to the ophthalmic professions



STAMPEDE OF THUNDERING HERDS OF LONGHORN CATTLE OCCURS DURING ROUNDUP WHEN CATTLE RUSTLERS FRIGHTEN STEERS INTO RUNNING AWAY FROM ROUNDUP

MOVIE OF THE WEEK:

The Virginian

Wister's classic of the wild West is revived again

Since it is the greatest piece of wild West fiction ever written, few works of American literature possess the enduring popularity of Owen Wister's *The Virginian*. In four decades the book has sold well over 1,500,000 copies and become a textbook in many high schools. Made into a play, it ran three years in New York and had unnumbered road engagements. Aside from appearances in the movies, *The Virginian* has been a fountainhead of inspiration for the 5,000 horse operas to have reached the screen since the cinematograph was invented. All the traditions of Western fiction—tough but kindly cowboys, cattle rustlers, "rope-necktie" parties, stampedes—owe their existence to the novel written in 1902 by Theodore Roosevelt's friend and dedicated to the President.



DUSTIN FARNUM CREATED VIRGINIAN



WILLIAM S. HART FOLLOWED FARNUM



GARY COOPER PLAYED ROLE IN 1929



JOEL MCCREA IS LATEST VIRGINIAN

TITLE ROLE was originated by Dustin Farnum on stage in 1904, on screen in 1914. Hart took over in stage road companies in 1907. Cooper played in 1929 talkie version.

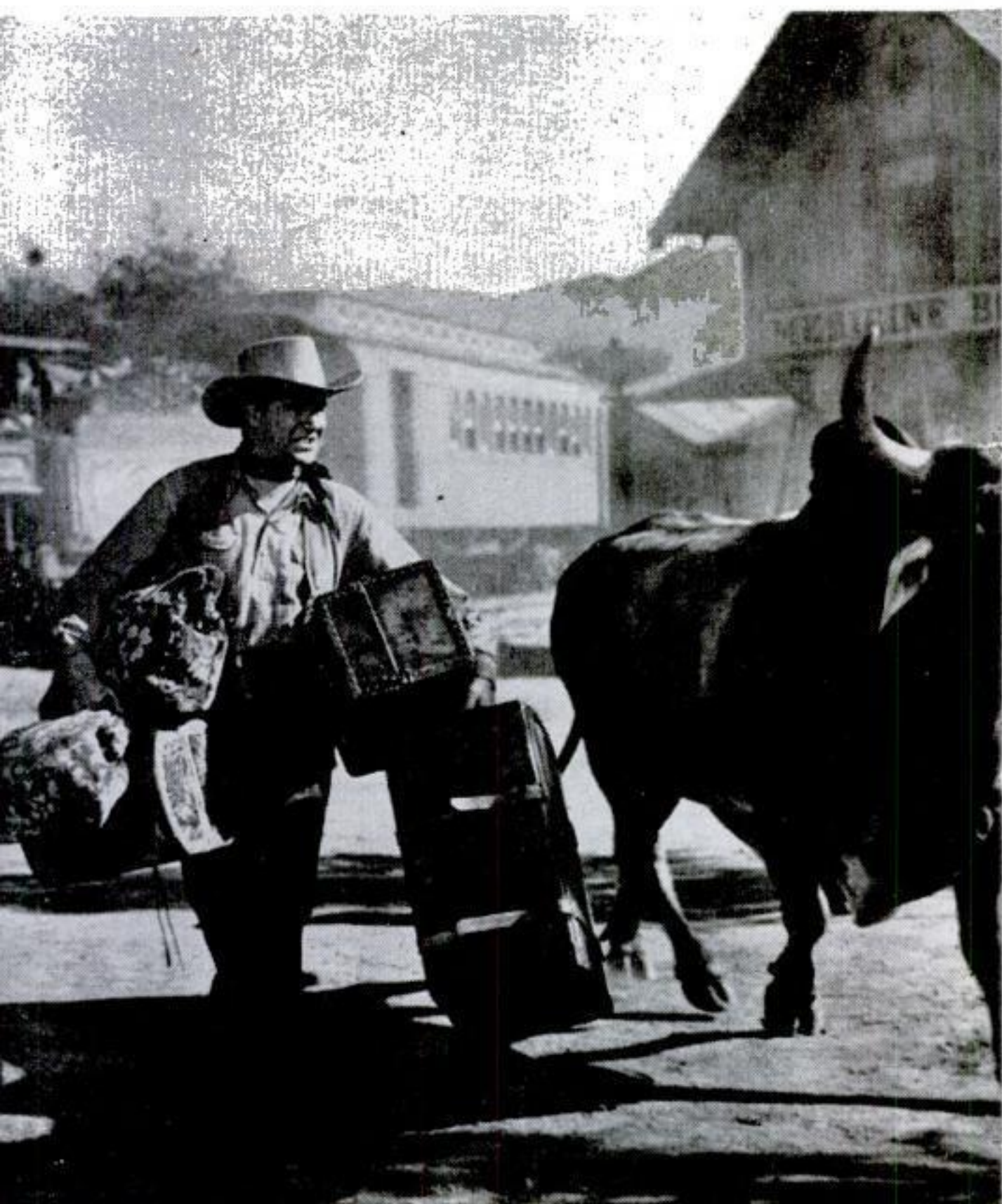


SCHOOLTEACHER ARRIVES. She is an eastern girl seeking adventure in the wide open spaces. Cowboys become her slaves, address her as "Ma'am." Steve meets



CREW. RUSTLERS THEN HEAD OFF PART OF HERD AND STEAL ANIMALS

Now Paramount has brought a third edition of *The Virginian* to the screen. Photographed in Technicolor on a big scale, the classic hardly shows its age. The friendship of the Virginian (Joel McCrea) for his erring pal Steve (Sonny Tufts) is deep and honest. His love for the visiting schoolteacher (Barbara Britton) is manfully tender. Tragedy strikes when Steve is hanged for cattle rustling and virtue triumphs when the Virginian kills the villainous Trampas (Brian Donlevy) in a gun fight. A more satisfactory tale of the days when men were men cannot be imagined. Even a generation instructed by comic books will sit enthralled at Owen Wister's deathless line, "When you say that, *smile*."



her at the Medicine Bow depot, carries her luggage, falls in love with her. But the Virginian eventually wins her. Note vintage (1880) train in background.

CONTINUED ON NEXT PAGE

Listen to the difference
a "Z" can make!



When your engine doesn't strike a regular, sweet note, it's good to know that the *right* motor oil can make a big difference . . . when it's Pennzoil. This particular Pennsylvania oil, now enriched by 60 years' refining progress, will give your engine that extra zing you're listening for by keeping it cleaner and smoother running. But don't forget to . . .

Sound your "Z"
PENNZOIL

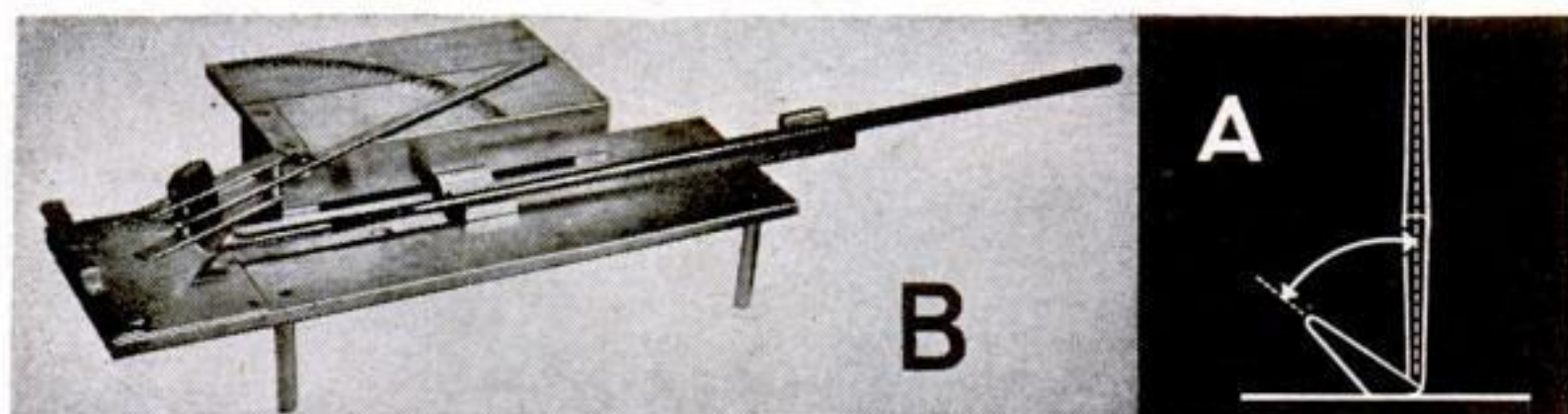


PENNZOIL* GIVES ALL ENGINES AN EXTRA MARGIN OF SAFETY

YOU GET A "FEEL" OF CONTROLLED POWER IN THESE NEW BRISTOL CLUBS

BRISTOL... first to introduce the steel golf club shaft... now makes another big contribution to the pleasure of your favorite game. This latest BRISTOL achievement comes to you in the beautiful, newly-designed matched sets of BRISTOL Golf Clubs. They bring you, among other features, a new high accuracy of swing-weight

balance made possible only by BRISTOL'S long experience in high-precision manufacturing. You'll thrill to the new "feel" of rhythm and controlled power the very first time you swing one of these handsome Bristol clubs. It's a "feel" that bolsters your confidence for better shots, and puts a lot more fun in every round you play.

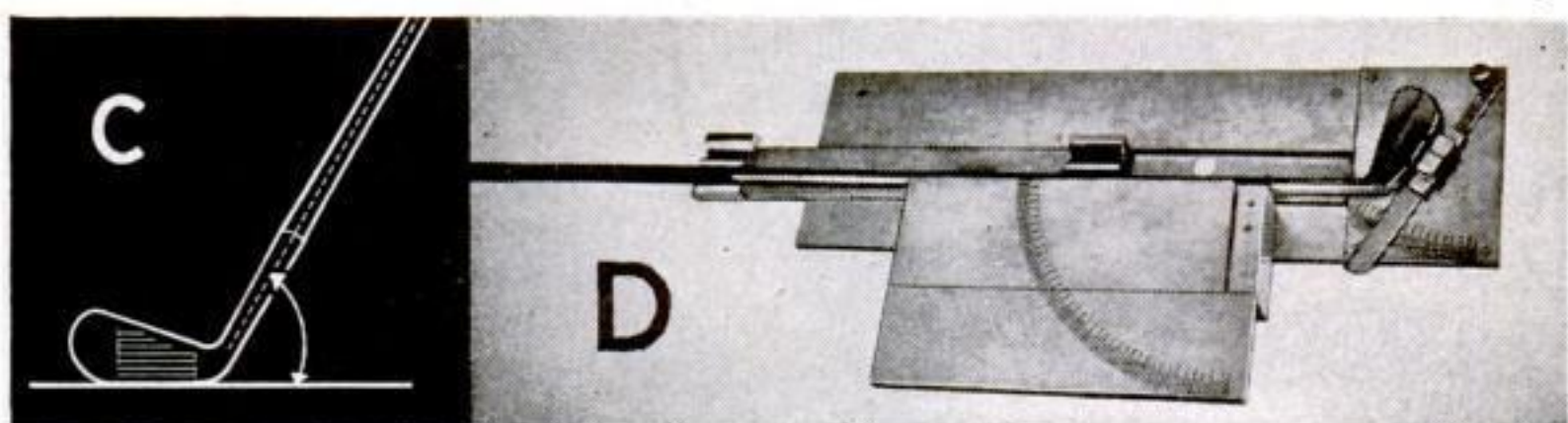


NEW PRECISION IN "LOFT"

The "loft" of a club... determined by the angle between the club's face and the center line of the shaft... provides for the proper height and distance of the shot. (See Diagram A). The correct degree of "loft" for each club in the BRISTOL set is now fixed with high-precision accuracy by the BRISTOL-invented "Club-O-Meter." (See illustration B.)

NEW PRECISION IN "LIE"

The "lie" of a club is the degree of slant of the shaft when the sole of the club is held on the ground in correct striking position. (See diagram C). The uniform "lie" for each club in the BRISTOL Set is now also fixed with hair-line exactness with the BRISTOL-invented "Club-O-Meter." (See illustration D.)



Hit
Better Shots
with the
NEW

Bristol
THE HORTON MANUFACTURING CO.
BRISTOL, CONNECTICUT
GOLF CLUBS

Also Makers of
BRISTOL
FISHING RODS • REELS • LINES

"The Virginian" CONTINUED



SILENT MOVIE depicts story's most famous scene, the hanging of Steve. Dustin Farnum as the Virginian (mounted, at right) prepares to give signal.



TALKING MOVIE shows Richard Arlen as doomed Steve (mounted, at right). Steve is being hanged without trial because he joined up with rustlers.



PRESENT MOVIE shows Joel McCrea (left) next to trussed-up Steve. With nooses tight, the Virginian whips horses forward, leaving rustlers dangling.



Back from the battle fronts **TO SAVE MOTORS, BREAKDOWNS, MONEY**



With automobile production delayed, you may be driving that old car of yours a long time yet. So play safe. Get a Fram Oil and Motor Cleaner . . . proved by the Army and Navy on every battle front . . . to reduce motor wear, save costly repairs and help lengthen the life of your car.

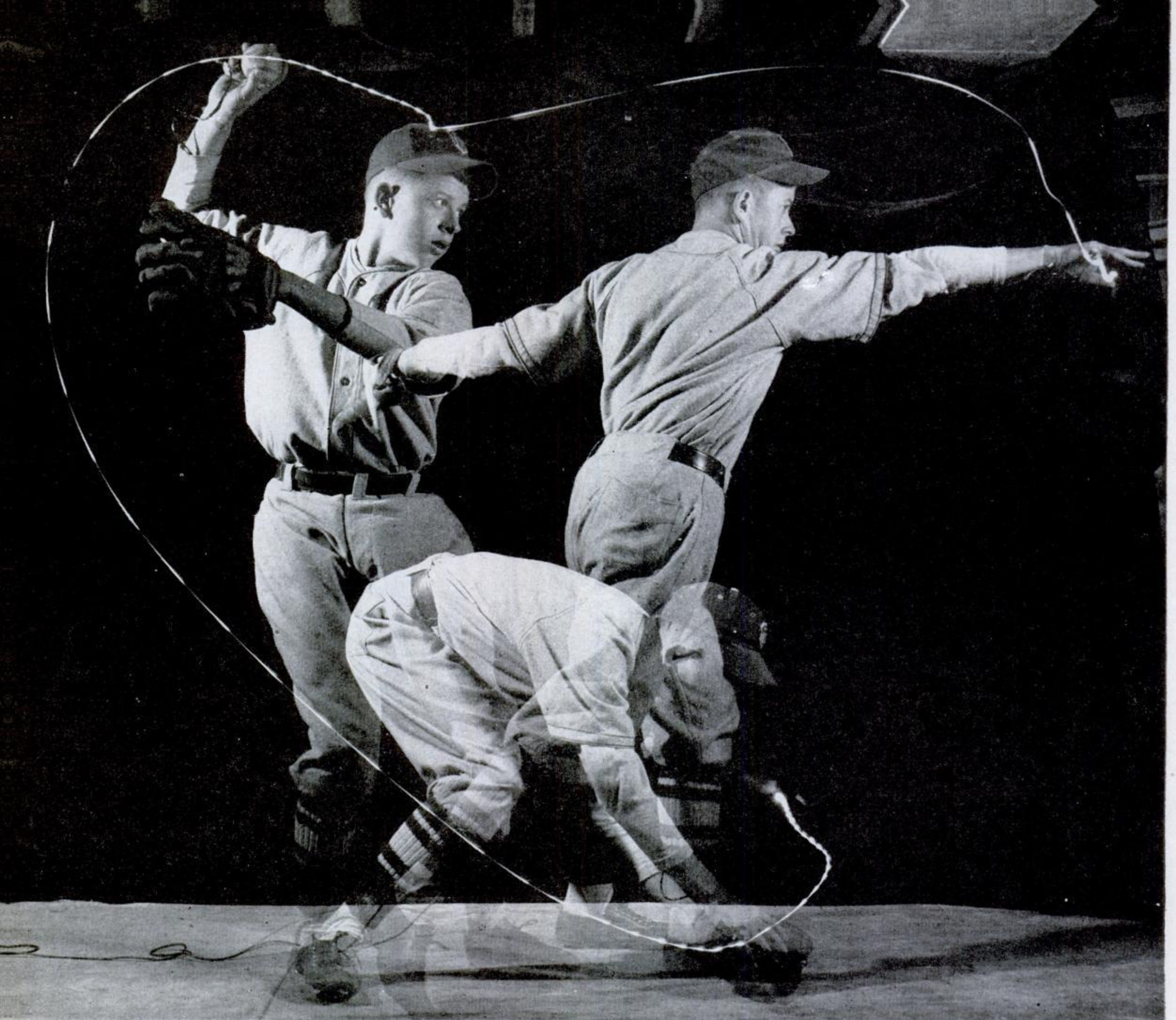
VISIT YOUR SERVICE STATION OR DEALER TODAY!

Have him make the Fram dipstick test. The dipstick tells the story! If the oil shows dirty*, have him install an efficient Fram filter to remove dirt, dust, grit, carbon, sludge and harmful abrasives that accumulate in your oil and grind away vital motor parts.

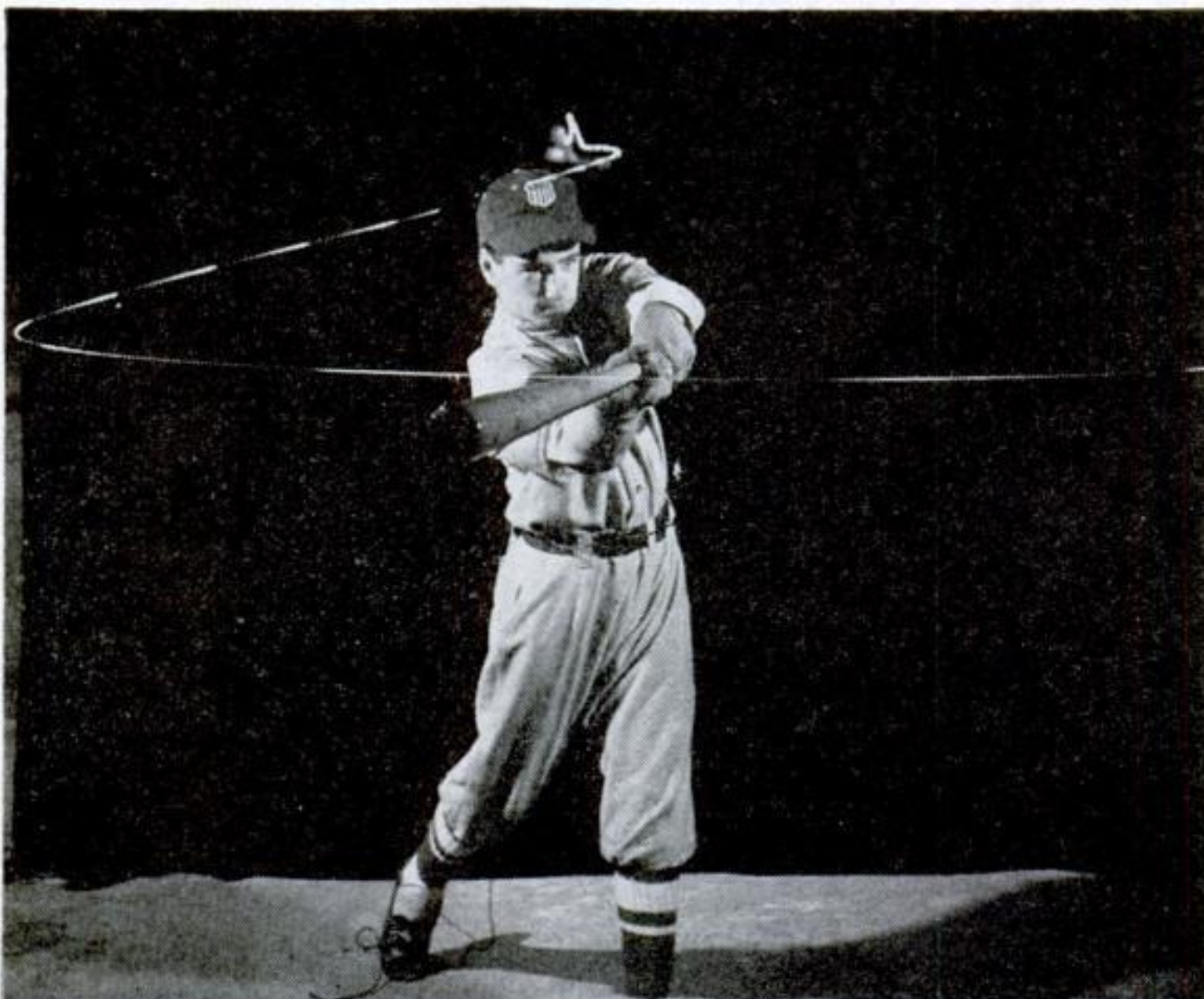
If your car is already filter-equipped, put in a genuine Fram replacement cartridge to step up performance. There's a Fram replacement cartridge to fit 'most any type of filter. Remember, every Fram filter is backed by a money-back guarantee. Visit your service station or dealer for the free Fram dipstick test today. Fram Corporation, Providence 16, R. I. In Canada, J. C. Adams Co., Ltd.; In England, Simmonds Aerocessories, Ltd., London.

* If you are using detergent oils which appear dark in color almost as soon as they are put into the engine, change your filter cartridge when you change oil.

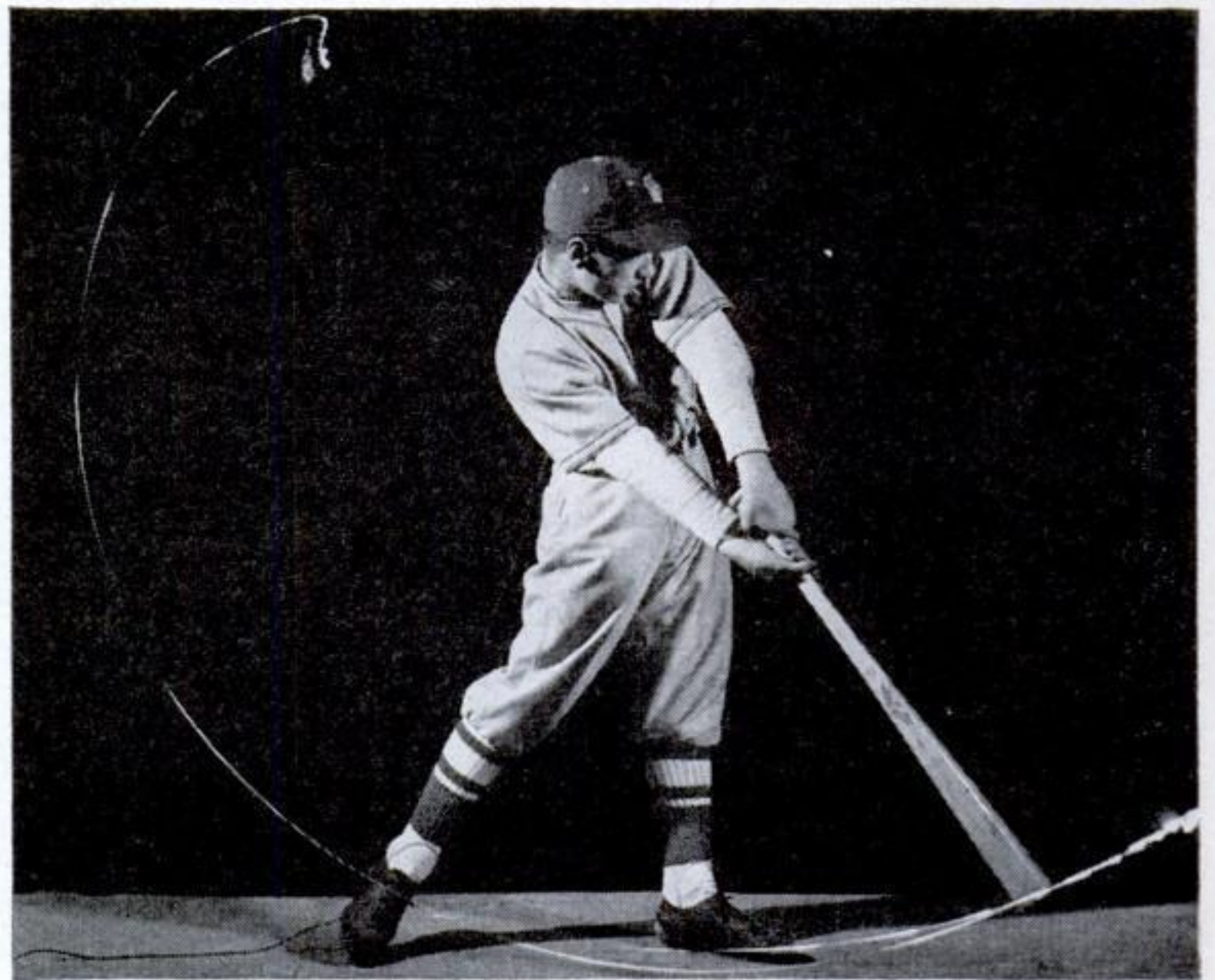
FRAM OIL & MOTOR CLEANER . . . the Modern Oil Filter



14-YEAR-OLD BOB HANSON FIELDS AND THROWS BALL IN ONE SWIFT MOTION. LIGHT BULB ON HAND TRACES PATH OF BALL IN THIS MULTIPLE-FLASH PHOTOGRAPH



HIGH SWING is shown at its fastest point. Left hip has been pivoted out of the way and the batter must now bend or "break" his wrists to maintain the speed of the bat.



LOW BALL is "golfed" with a vertical swing of the bat. Player must not squat down to reach the ball. The stride, left hip and hand action must all be coordinated exactly.



BATTING STYLE is demonstrated by Dunne pupil (left) and Paul Waner (right). Ex-Batting Champion Waner violates rule by holding bat on shoulder.

BASEBALL SCHOOL

California schoolboys study the game in books and mirrors to learn perfect playing technique

To 18 freshmen of the Serra High School in San Mateo, Calif. baseball is not a game but a science. For more than a year they have spent most of their playtime perfecting batting stance and hip pivots. On the field they have concentrated on footwork and arm whip, then gone home to practice more in front of a mirror. This season their hard work won them the first two games against teams in their age group (14 years). But success did not make them overconfident. It would, they felt, take another year before their teaching really paid off.

Teacher of these boys is Bert V. Dunne, Giant outfielder of 20 years ago. He runs the class as a hobby, uses as a textbook *Play Ball, Son* (Serra Publishing Co., \$2.50), which he wrote to prove his unique theory that ideal baseball form should be analyzed and taught as a science. But professional baseball managers shake their heads at all this book learning. They mutter that real players are born not made, feel that a natural player is more likely to be harmed than helped by schooling.



BEFORE A MIRROR Pat Dunne practices swing while his father, Bert Dunne, criticizes follow-through. Pat's forward foot has shifted too far to left.

CONTINUED ON NEXT PAGE

MUST
I look like this?



NO!

Don't smear messy stuff on skin irritations when you don't have to! Apply soothing, invisible ZEMACOL for quick relief from itching and burning. It doesn't make you look like a fright!

- ✓ **IT'S INVISIBLE**—doesn't show on your skin.
- ✓ **IT'S GREASELESS** — doesn't mess up clothes or bedding.
- ✓ **IT'S MEDICATED**—Antiseptic, Germicidal, Fungicidal. Fights infection. Kills germs and fungi on contact.

Try ZEMACOL tonight. It's like an invisible bandage — no one knows it's on but you. 50¢ and \$1 at all druggists.

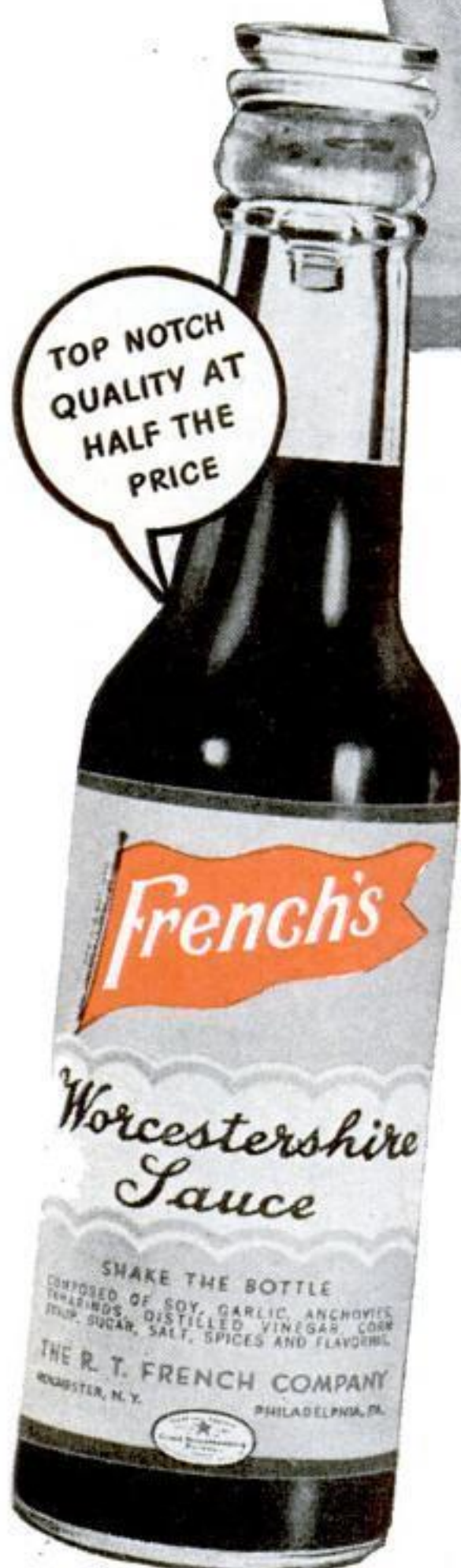
Norwich

A Norwich Product





always
make a hit!



FRENCH'S WORCESTERSHIRE SAUCE gives delicious flavor!

Frankfurter Casserole

- 1/2 cup minced onion
- 2 tablesp. shortening
- 2 tablesp. flour
- 1 1/2 cups cooked tomatoes
- 1 tablesp. French's
Worcestershire Sauce
- 1 1/2 cups leftover vegetables
- 4 frankfurters

Cook minced onion in shortening until tender. Stir in flour, add tomatoes and French's Worcestershire Sauce. Bring to a boil. Lightly stir in vegetables, add salt to taste. Pour over 4 split franks arranged in 1 1/2 qt. casserole. Top with bread crumbs. Bake in 350° F. oven 1/2 hour. Serves 3-4.

The blend of choice ingredients in this famous Worcestershire, aged and mellowed, gives a fine rich flavor you're sure to enjoy.

FREE! NEW RECIPE BOOK: "Mealtime Magic." Illustrated in color! For free copy, send your name and address to The R. T. French Co., 4003 Mustard St., Rochester 9, N. Y.

Baseball School CONTINUED



FULL WINDUP starts (left) with pitcher's eye on target. Next, he pivots, raises leg, snaps ball past head with bent wrist. He finishes with knees bent.



NO WINDUP is used by the pitcher when man is in position to steal base. Here he keeps his front leg low, takes quick step to speed pitching motion.



DUNNE TEACHES his boys the three-quarter throw in which ball travels forward past ear. He says direct overhand pitch is unnatural, ineffective.

MEAT

The Friendly Frank

Outdoors on a hickory stick, or indoors on a platter—it's thanks to franks

Yes, the frankfurter is folksy. Yes, the frankfurter is easy. Sure, the frankfurter has a fine meat flavor all its own.

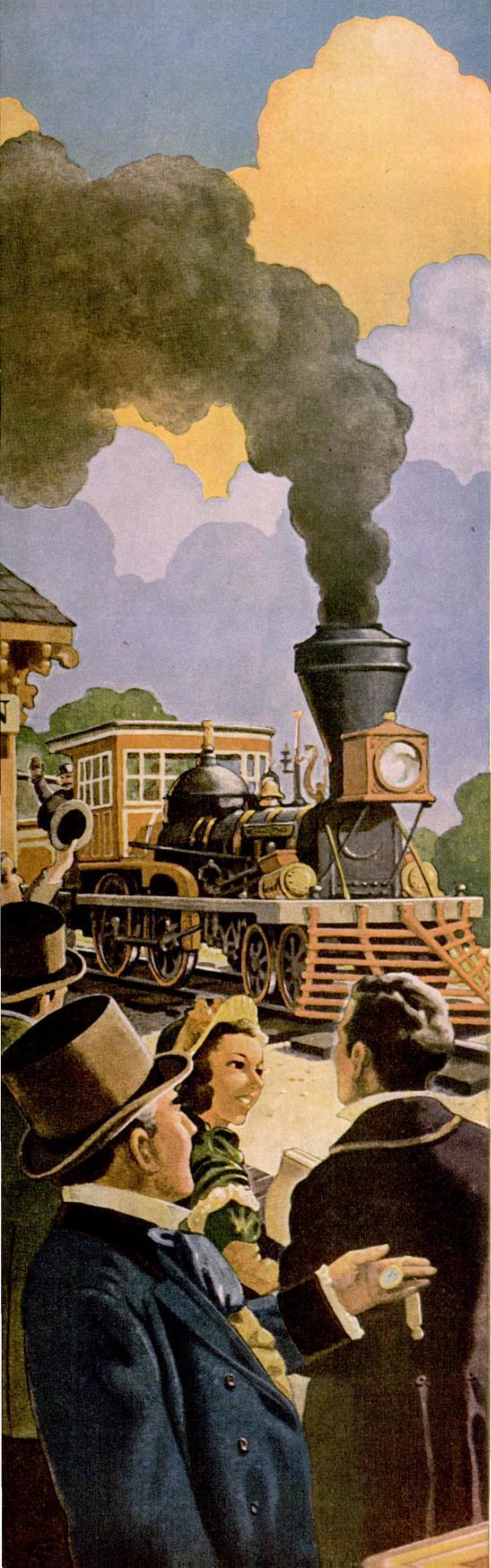
But there's more, far more, than good eating in those winning wieners. There's a plump skinful of meat, rich in protein which contains every one of the amino acids provided by all meat and essential to life.

Thanks to franks, for the pleasure they provide and the nutrients they contain.



This Seal means that all nutritional statements made in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.

AMERICAN MEAT INSTITUTE
Headquarters, Chicago • • • Members throughout the U.S.



CHECKS that have come every year for 100 years



SINCE its founding 100 years ago, the Pennsylvania Railroad has paid to its employees, stockholders and bondholders approximately twelve and a half billion dollars.

Never once over that century has it failed to meet a financial obligation when due.

To its employees the Pennsylvania has paid in wages a sum exceeding ten billion dollars.

To stockholders, it has paid a cash return in every year since 1847—a total of a billion and a quarter dollars.

To bondholders—individuals, and insurance companies, savings banks, trust companies, representing the savings of many millions of individuals—it has paid in interest more than a billion dollars.

From the beginning, the Pennsylvania has been a railroad built by the people for the people. The money to construct it as the shortest route between East and West came from people of all walks of life in the form of subscriptions to shares of \$50 each, payable in ten \$5 installments. Today, with 13,167,754 shares outstanding, the average holding is only 61¼ shares, and of the 214,995 stockholders of the railroad 106,139—or more than 49%—are women.

Thus, not only has the Pennsylvania Railroad served the American people through continually improving transportation at low cost—but through wages, dividends and interest (plus huge purchases of materials in the area served)—it has contributed vitally to the prosperity of communities and to the welfare and economic security of many thousands of American citizens.

PENNSYLVANIA RAILROAD

1846

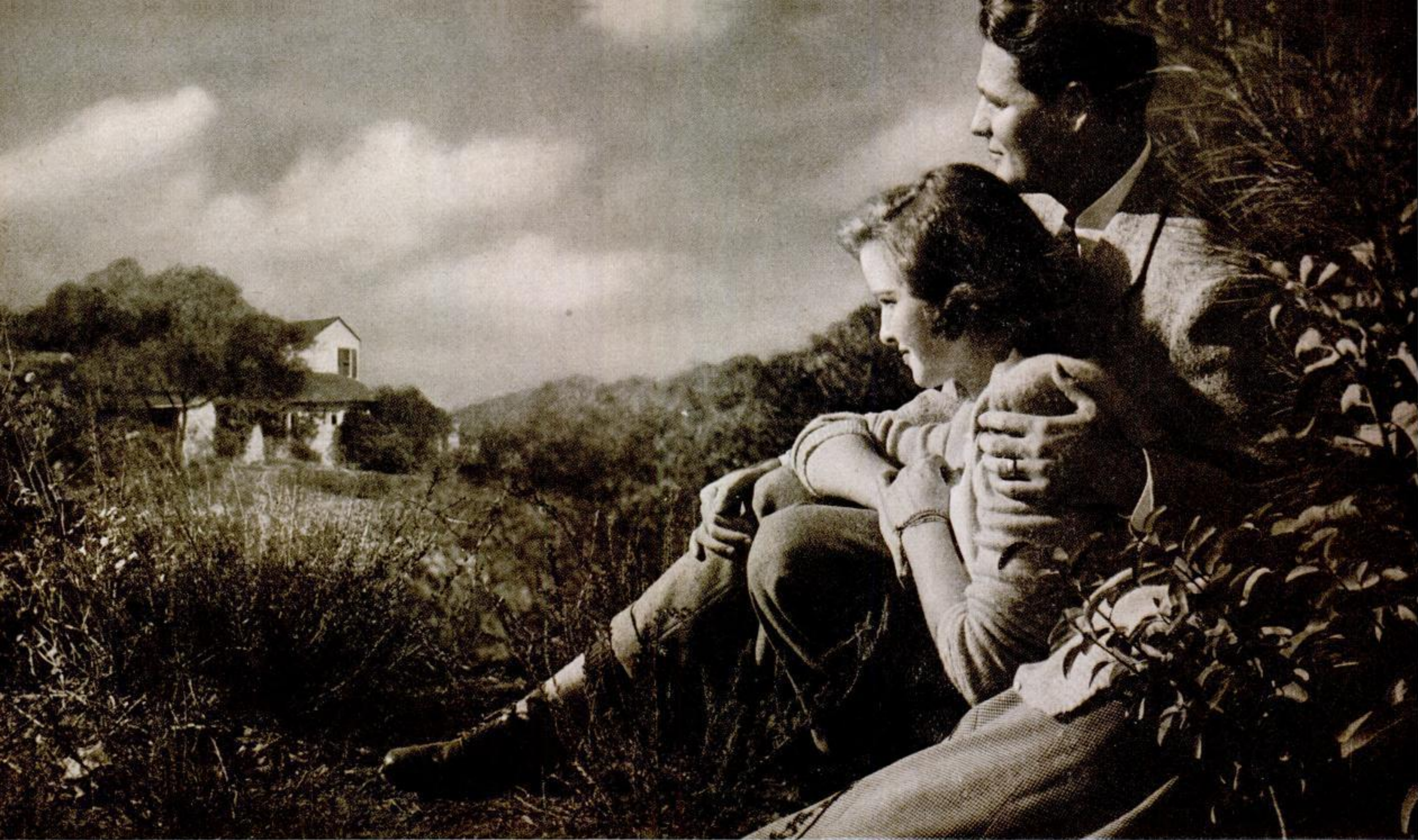


1946

ONE HUNDRED YEARS OF

TRANSPORTATION PROGRESS





Spring in the valley...and in my heart

THE WORLD AND I are coming alive together.

That's what it feels like... sitting here with the damp spring wind fluffing my hair, and the trees a million shades of fuzzy green.

And to give it all meaning, I have Jack back beside me, forever.

It's wonderful to forget, now, all the cold and the dark. The nights I watched the stars and wondered if Jack was still under them. The days and weeks no letters came...

Sometimes I felt pretty small and silly, trying to hold the shadows away with plans that went right ahead, for Jack and me.

But it helped keep my heart up... finding our house, and fixing it. Planting the narcissus that today began poking through. Rubbing a

wood-satin finish on old furniture. Starting our set of International Sterling, in a pattern we'll love all our lives.

I can almost look in the window now and see how the table looks, waiting for us to come up the path.

The sun's pouring in, striking silver sparks from our International Sterling pieces... tracing every lovely line. Perhaps I *could* have had more of something second-rate... but it's so good to have the best, real family silver to make me proud so many times a day...

In a minute, we'll get up, and brush off the twigs, and start home. Home... where everything is peaceful, and right, and beautiful as we dreamed.



When you come to choose *your* silver, ask your jeweler to show you the beautiful International Sterling patterns.

For not only will you want solid silver, but solid silver beautifully designed and balanced and finished.

Each International Sterling pattern is a silversmith's masterpiece. You'll know *your* pattern when your heart says "yes."

Start, if you like, with a few place settings, and complete your set gradually.

TUNE IN to *The Adventures of Ozzie and Harriet*. Sunday evenings, 6:00 p. m., E. S. T., Columbia Broadcasting System.

Copyright, 1946, International Silver Company, Meriden, Conn.





EX-GIs LLOYD ROGNAN AND MITCHELL WRIGHT, NOW PARIS ARTISTS, MAKE FASHION SKETCHES OF MODEL (IN BLACK) FOR HELENE LAZAREFF, EDITOR OF "ELLE"

GIs IN FRANCE

U.S. soldiers have stayed behind
and settled down to civil life

Most men in armies that go to fight on foreign soil clamor to come home. Some, however, grow to love the strange lands, stay there and settle down as expatriates. In Paris the U.S. Army has already left behind a group of expatriates. Most of them received their discharges there, remained to work or study. Some married French girls.

The majority who settle there work as civilians for the American Army, which is happy to get

them. These wear officers' uniforms, eat at officers' messes, have Army billeting privileges. Sometimes they do the same work they did as pfc's and sergeants and make more money than their ex-colonels. Some go into business with their new French in-laws or into jobs requiring a special American skill or knowledge. Others fall in love with Paris herself, gladly suffer the civilian privations of ordinary Frenchmen just to remain there.



Never a Dull Moment

SIMONIZ Saves Finish ... and gives your car longer lasting Beauty



Want your car to stay beautiful? Then protect the finish against dullness with Simoniz. It's glass-like in hardness ... prevents damage by gritty mud, air-borne chemicals and ultra violet rays. Saves washing, too ... dust and dirt wipe off easily with a dry cloth, leaving the finish sparkling clean. It's easy to SIMONIZ. First remove dullness with Simoniz Kleener. Then apply SIMONIZ to protect the finish. The perfect pair for finish care—SIMONIZ and Simoniz Kleener. Get them today!



If the finish of your car is exceptionally dull, it's best to use Simoniz paste Kleener. Finishes in average condition need only Simoniz liquid Kleener. Get SIMONIZ and Simoniz Kleener, liquid or paste, from any grocery, hardware, drug, paint, 5 cents to \$1, auto accessory or department store.

THE SIMONIZ COMPANY, CHICAGO 16, ILLINOIS
Recognized for over thirty years as authorities on preservation of fine finishes

Gls in France CONTINUED



IN PARIS CAFE Rognan and Wright, who were *Stars and Stripes* staff artists, have lunch of sandwiches and wine which costs about 150 francs (\$1.40). They have a rented studio where they now do magazine art work. They each average 9,000 francs a month (\$90). They just manage to get along on this.



A LESSON IN FRENCH is given Bill Loomis by his bride, Ginette, in their room. He works for Army's Graves Registration Section. They met during liberation celebration when she ran up on Champs Elysées and kissed him. He courted her when his outfit ran out of gas and was held up in Paris.



NEAR EIFFEL TOWER Patricia Livingston Bounin, an ex-WAC pfc, walks with her French husband, Claude, in gardens of Champ de Mars. They live one block away in six-room apartment and have a maid. Pat met Claude in a nightclub on V-E Day. She finds Frenchmen more chivalrous than Americans.

CONTINUED ON PAGE 84

Unmasking a Beautiful Woman's Secret and Unholy Desires!

Sometimes men will do ANYTHING
for a woman . . . and she was that
kind of woman. For the promise that
glowed on her sultry lips two men
planned violent murders . . . crimes
that trapped her in a fearsome vortex
of destruction!

*It's the screen's supreme achieve-
ment in heart-stopping tension!*



SUSPENSE

"SUSPENSE" A KING BROTHERS PRODUCTION starring BELITA • BARRY SULLIVAN • BONITA GRANVILLE
ALBERT DEKKER with EUGENE PALLETTE • Miguelito Valdes • Bobby Ramos & His Band • Produced by MAURICE and
FRANKLIN KING • Directed by Frank Tuttle • Original Screenplay by Philip Yordan • Music by Daniele Amfitheatrof • A MONOGRAM PICTURE





There's no greater compliment to feminine charm than a Genuine Orange Blossom Ring . . . Known to generations for superior quality, workmanship and fine styling . . . Shown with pride by better jewelers everywhere.

Orange Blossom prices begin at \$9 for Wedding Rings, \$75 for Engagement Rings, including tax. Write for illustrated folder.



a dream of loveliness

Luxite

the lingerie of the stars

Your dream of loveliness comes true in nightwear as beautiful as you could wish for! Every woman loves the way Luxite intimate apparel looks . . . and especially the way it looks on her! Luxite stars beautiful you in nightgowns, slips, panties, briefs, step-ins and girdles.

Makers of Nylon Hosiery and Men's Socks by Holeproof

Holeproof Hosiery Company
Milwaukee 1, Wisconsin

Luxite
BY HOLEPROOF

GIs in France CONTINUED



ON BALCONY of their Paris hotel room David and Anne Perlman, both Americans, take their morning coffee. He was a reporter for the San Francisco Chronicle, later a captain in infantry, liked Paris so much he sent for Anne after discharge. Today both work on Paris edition of New York Herald Tribune.



IN OFFICERS' HOTEL, where he now lives, Paul Bates, 26, an ex-GI, relaxes. He was the only man from his outfit to settle in France. Before the war Bates earned \$360 a year in Tennessee; today he works as civilian guard and handyman in an Army PX, earning \$2,772 a year. He is not a bit homesick.



WITH FRENCH IN-LAWS is Royce Eckwright (center), shown talking to his pretty wife, Paulette. He is chief of Army's Graves Registration research department. He will resign in May to go into business in Casablanca with brother-in-law (standing right), exporting wine and importing U. S. electrical products.



*\$64 QUESTION
Coming Up!*

WHEN you give the EVERSHARP Presentation Set, you know you'll get the right answer.

14-karat gold-filled caps contrast with deep-toned plastic barrels . . . in Du-bonnet Red, Blue, Green, Brown, Grey or Black.

Magic Feed prevents ink flooding high in a plane . . . so at ground level too.

Magic Point writes so smoothly it's silent! Matching EVERSHARP Repeater Pencil feeds new points, when you need new points, like a machine gun. Compare!

TUNE IN Phil Baker in **"TAKE IT OR LEAVE IT"**—CBS, Sunday Nights
Ann Sothorn in **"MAISIE"**—CBS, Friday Nights

EVERSHARP
Presentation Set

\$14⁷⁵

Pen alone—\$9.75
Repeater Pencil—\$5
(Prices Plus Fed. Tax)

Service Guaranteed Forever
If Your EVERSHARP Ever Needs Service, We Will Put It In Good Order For 35¢. This Service Is Guaranteed . . . Not For Years . . . Not For Life . . . But Guaranteed Forever!

*Give **EVERSHARP**—and you give the finest!*

© 1946, Eversharp, Inc.



Down the long years, White Horse has won the respect and trust of connoisseurs the world over. For this noble Scotch is blended by experts from the finest of whiskies, and its peerless flavor and smoothness appeal to those who appreciate the best.... *White Horse stands alone.*

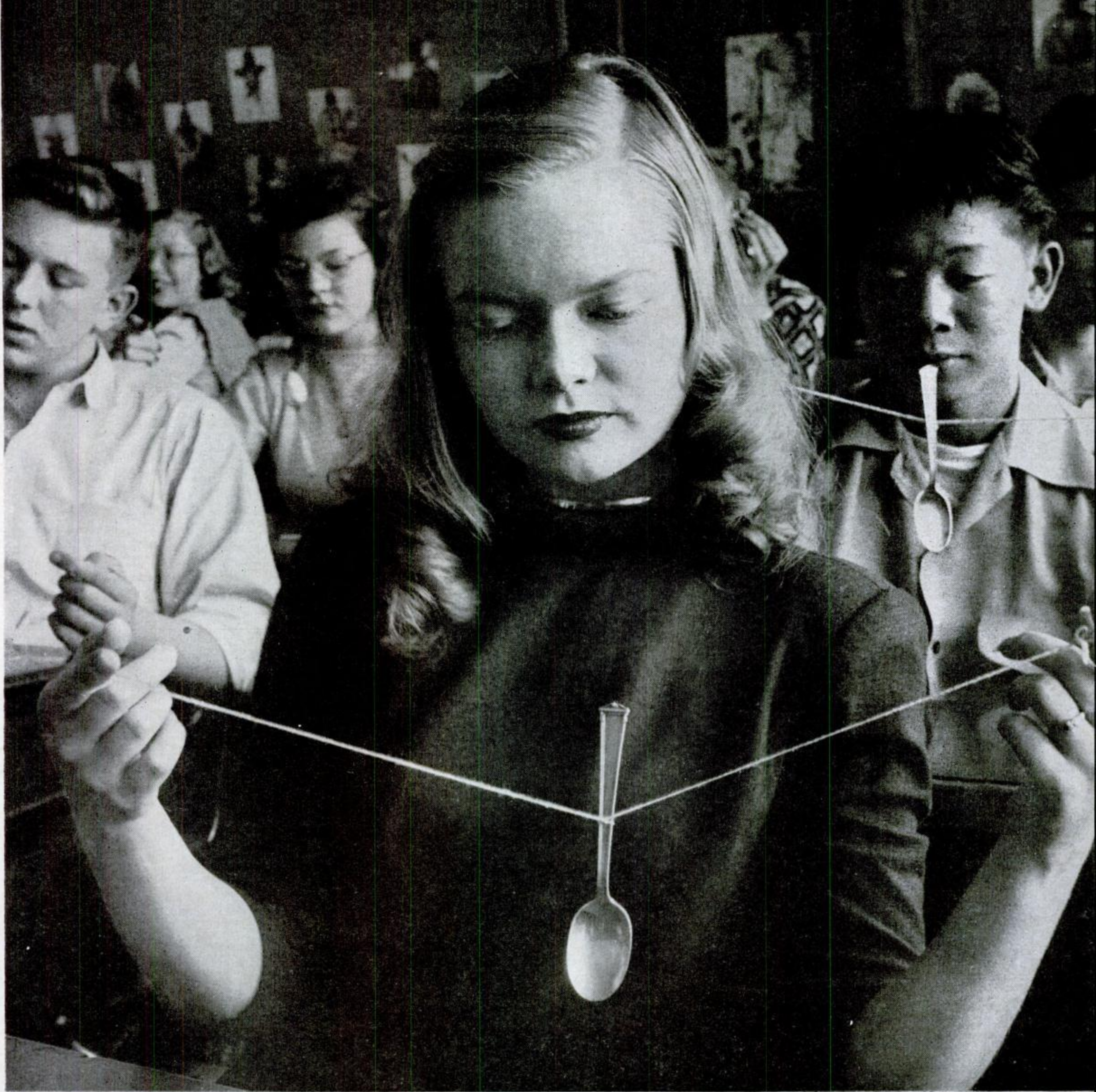
86.8 Proof. Browne-Vintners Co., Inc., New York, N. Y. Sole Distributors



ESTABLISHED
1746



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PSYCHOLOGY CLASS IN EAST HIGH SCHOOL STUDIES SOUND CONDUCTION BY STRIKING TEASPOON, THEN LISTENING TO SOUND BY LIFTING THE STRING TO EARS

U.S. HIGH SCHOOL

Educational storm rages over schools like Denver's East High

Among U.S. high schools, East High in Denver stands well above the average. Denver, which has a large white-collar population and a relatively high standard of living, has built itself an enviable school system. Like most of the city's schools, East High is modern, well equipped and well run. Its teachers are comparatively young, progressive and well paid. Its 2,500 students have great and active interest in their school.

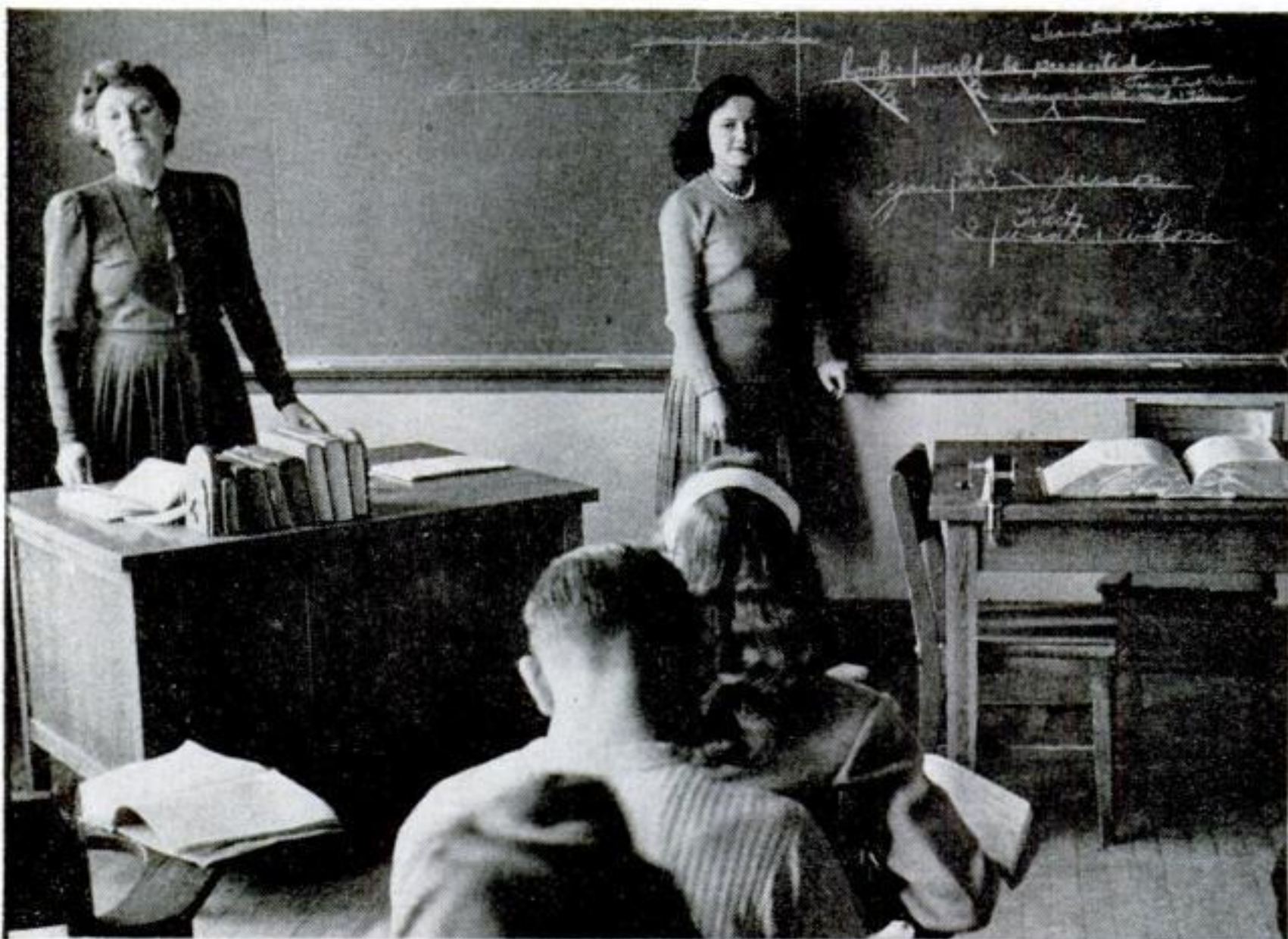
But good as it is, East High does not satisfy

thoughtful U.S. educators. Along with all U.S. high schools it is the object of scrutiny and controversy. Ever since John Dewey, in 1899, blasted the U.S. public-school system for glutting students with academic subjects and neglecting more practical courses, U.S. educators have been fighting the war of practical vs. cultural education. Recently the issue was sharply joined by the two most influential educational institutions in the U.S. The National Education Association, through

its report *Education for All American Youth*, plumped for a more practical program for high schools. Harvard University, in its report, *General Education in a Free Society*, dissented. It called for more emphasis on the cultural and academic subjects. In these significant reports, the future of all U.S. high schools was being mapped. How East High measures up to the standards demanded by the reports and how the reports would change the school is examined on the following pages.



CHEMISTRY CLASS in East High, where teacher lectures while students take notes and try to memorize formulas, is criticized by Harvard and N. E. A. Students should do own experiments.



ENGLISH CLASS where grammar is taught through diagraming brings condemnation from Harvard and N. E. A. Grammar should be taught by conversation and by reading good literature.



FULL-TIME TUTOR is provided by East High for students who are behind in their work. Students are assigned to her after their regular school hours. Harvard and N. E. A. applaud this.

HARVARD PLAN

It demands more cultural courses in the high school

Harvard's report on *General Education in a Free Society* is the work of 12 of the university's top faculty members. Commissioned by President Conant, the committee was relieved of all classwork, given almost three years and \$60,000 to produce this 100,000-word analysis.

Harvard begins by emphasizing the fact that although the educational structure of the U. S. high school has changed considerably since 1870, its base has altered only slightly in the intervening years. In 1870 there were more than 200 high schools, with an enrollment of only 80,000 pupils. Today there are 28,120 secondary high schools desperately trying to educate 7,000,000 pupils. The high school of 1870 was almost exclusively a prep school for well-to-do college-bound students. There they learned Latin, Greek, the classics and mathematics. Today the high school must deal with students of varying backgrounds, aptitudes and abilities, many of whom do not want to go to school, 80% of whom will not go to college. A number of teachers are inadequately trained, miserably underpaid. Many courses today are irrelevant, most reading lists are geared to the 19th century. In addition, the school has often been a political football dependent upon the whims of politicians for the insignificant funds it receives to carry on its work.

The end product of the educational system, according to Harvard, should be a responsible citizen aware of his duties and his fellow men. Scholarship is important only when it serves to produce such a man.

The problem America faces today, declares Harvard, is how to give a full and equal education to this amorphous mass which now constitutes the high-school population. As its solution Harvard proposes creating two areas in the school curriculum; one, called general education, would be taken by all students; the other, specialized training, would give narrower, more intensive training to students working for specific trades or professions. Students would take their specialized training courses and the general education requirements simultaneously throughout their school careers.

General education would cover one half the student's school life if he were going to college, two thirds if he were not. It would be a continuing series of three well-integrated courses in 1) the humanities, which would cover selections from the world's great literature, music, painting and drawing and would cover foreign languages only where they "illuminate English"; 2) the social studies, "a formal study of history and the social sciences . . . specifically directed at wise and responsible citizenship," whose focus would be Europe and whose object would show students how present-day events flow through the stream of history from the ideas of yesterday, and 3) science and mathematics which, with the exception of a survey on the language, ideas and methods of science, would depart little from present-day curriculum.

The student at the same time would go to his area of specialization. A student who wants to study medicine could take intensive courses in biology, chemistry and math. A girl who wants to become a secretary would take typing, stenography and business English.

Harvard says its plan would minimize the differences between students who will go to college and those who will not. It would give both groups a common background and experience, would go far to eliminate the snobbery and antagonism which exists between them. The practice of allowing high-school students a wide choice of elective courses would be discontinued.

There is no high school in the U. S., says Harvard, whose curriculum meets the demands. A radical shift is necessary if schools are to turn out citizens capable of dealing with the future. As it is now, Harvard complains, colleges spend too much time teaching students subjects they should have learned in high school.

If Harvard's plan were imposed upon East High (see charts, opposite page) the result would be a complete overhauling of the curriculum. An East High student planning to go to college would have to take general education courses for half his school life. He would take less science, mathematics, physical education and fewer foreign languages, social studies and vocational courses. He would take about the same amount of English, more cultural courses. An East High student who would not go on to college would devote two thirds of his curriculum to general education—the extra 16.6% of general education shown on top chart. He would take more English, science and math, less social studies, physical education, foreign languages and specialized courses.

N.E.A. PLAN

It calls for more practical and vocational subjects

Harvard's greatest opposition comes from the National Education Association, America's largest group of teachers, principals and school superintendents. In its report on American secondary education, *Education for All American Youth*, N. E. A., through its Educational Policies Commission, finds only a few areas of agreement with Harvard. N. E. A. agrees with Harvard that most teachers are underpaid and overworked, schools are overcrowded, students have little access to sufficient recreational facilities. It agrees with Harvard that the school's first responsibility is to turn out good citizens. But it objects strenuously to the methods Harvard would use in producing these citizens. N. E. A. claims that what Harvard proposes is, in one guise or another, now offered with poor results in most high schools. Harvard's plan would be nothing more than a return to the 19th Century classroom.

High-school courses today, according to N. E. A., are too often a meaningless jumble of names, dates, places and battles offered with little or no relationship to the student's own experience. *Education for All American Youth* proposes to start the educational process from the student's own frame of reference—what he knows and what he has done—then go to the past for material which would give meaning to his course of study. This would give each student information and thinking habits which would enable him to meet the complexities of after-school life. He would be educated as a consumer, a voter and would learn the beginnings of a trade or occupation. The aim is to produce a person well adjusted to modern society.

Great emphasis would be placed upon elective courses, all of them functional in nature. The 80% of the students who do not go to college get little training and help from the high schools in their careers. More vocational and social courses would benefit them greatly.

The core of N.E.A.'s curriculum is its common learnings program, a collection of subjects all related to what the high-school student has done and is doing. The course would at first be presented a few hours each day, then taper off in the upper grades when the student would be ready to specialize. Included would be courses in economics, family living, citizenship and literature, designed to make the pupil aware of the society about him. All these courses would start from "here and now," then branch out to "there and then," eliminating the dry chronological approach.

An N. E. A. economics course would begin with a discussion of the family group, its income and its spending. Gradually the basic economic laws would be worked in to show where and how they affect each student personally. Earlier forms of economic societies would be touched upon only if they were germane.

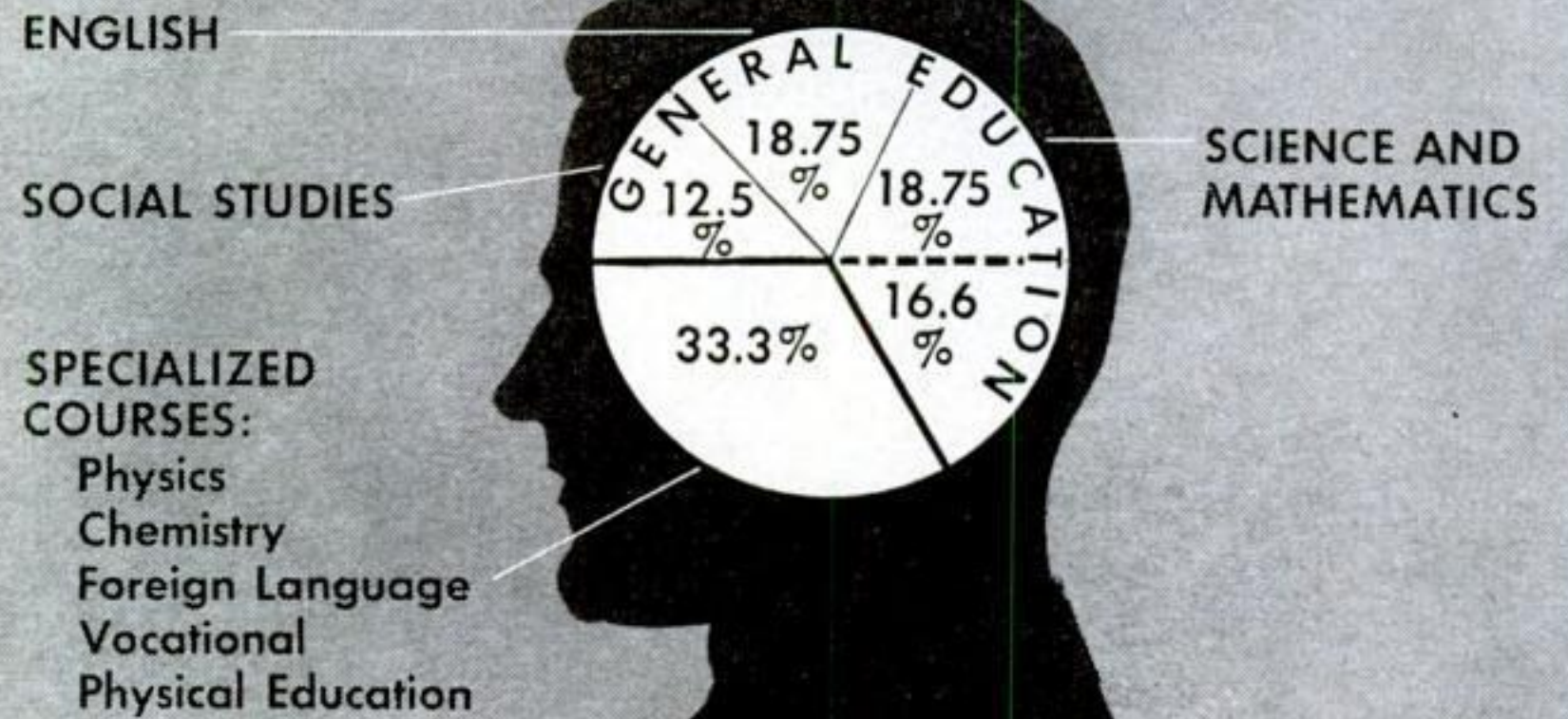
The social studies and history program would begin with the present, then work its way back to the past. An American history course, for instance, would first discuss America's present role in the world, examine contemporary Anglo-American relations and then go back to the Revolutionary War. Medieval and ancient history would enter the curriculum only in passing. Analysis of current social problems would come early in the student's social life since, in many states, half the pupils never complete high school.

N. E. A. believes that more girls would take science courses, even chemistry, if they were taught to make their own cosmetics (see p. 93). Future farmers would study those sections of biology, chemistry and botany which would help them in their work. N. E. A. would virtually abolish algebra and geometry because, it claims, these subjects serve no useful purpose to the four out of five students who will not go to college. Instead they would learn elements of accounting and the use of a calculating machine.

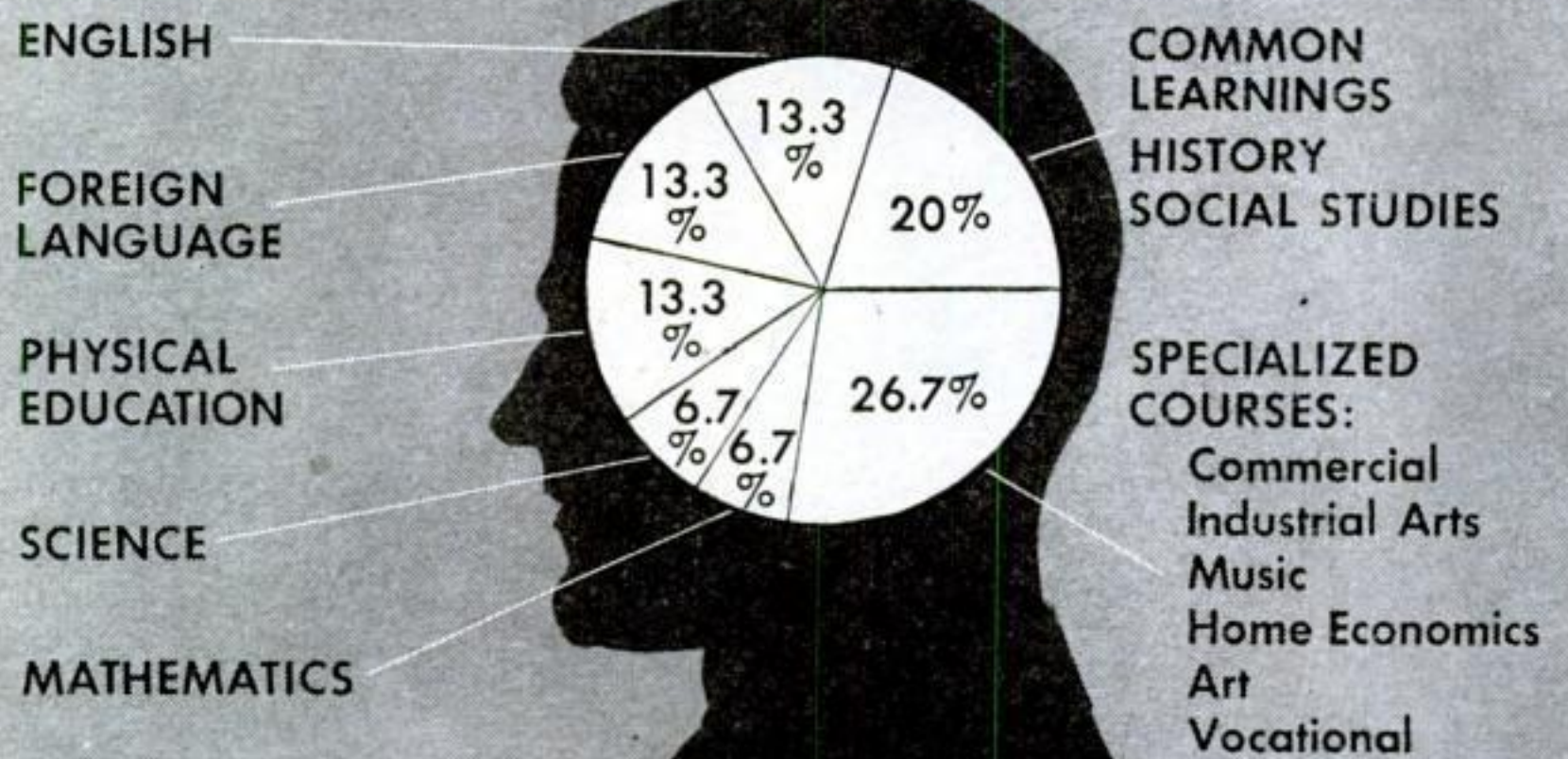
N. E. A. is vexed with the way English is taught. There is far too much textbook reading and lecturing. Grammar as it is now taught is dull. Literature courses do not include enough contemporary American and British authors.

N. E. A.'s ideal curriculum would change East High far less than Harvard's. A college-preparatory student in East High would take less foreign languages, less English, less mathematics and science. He would take more social studies courses, more physical education and vocational courses. A noncollege-prep student would spend more time in the social studies, vocational subjects and physical education, the same time in English and the sciences, less time in foreign languages.

HARVARD CURRICULUM



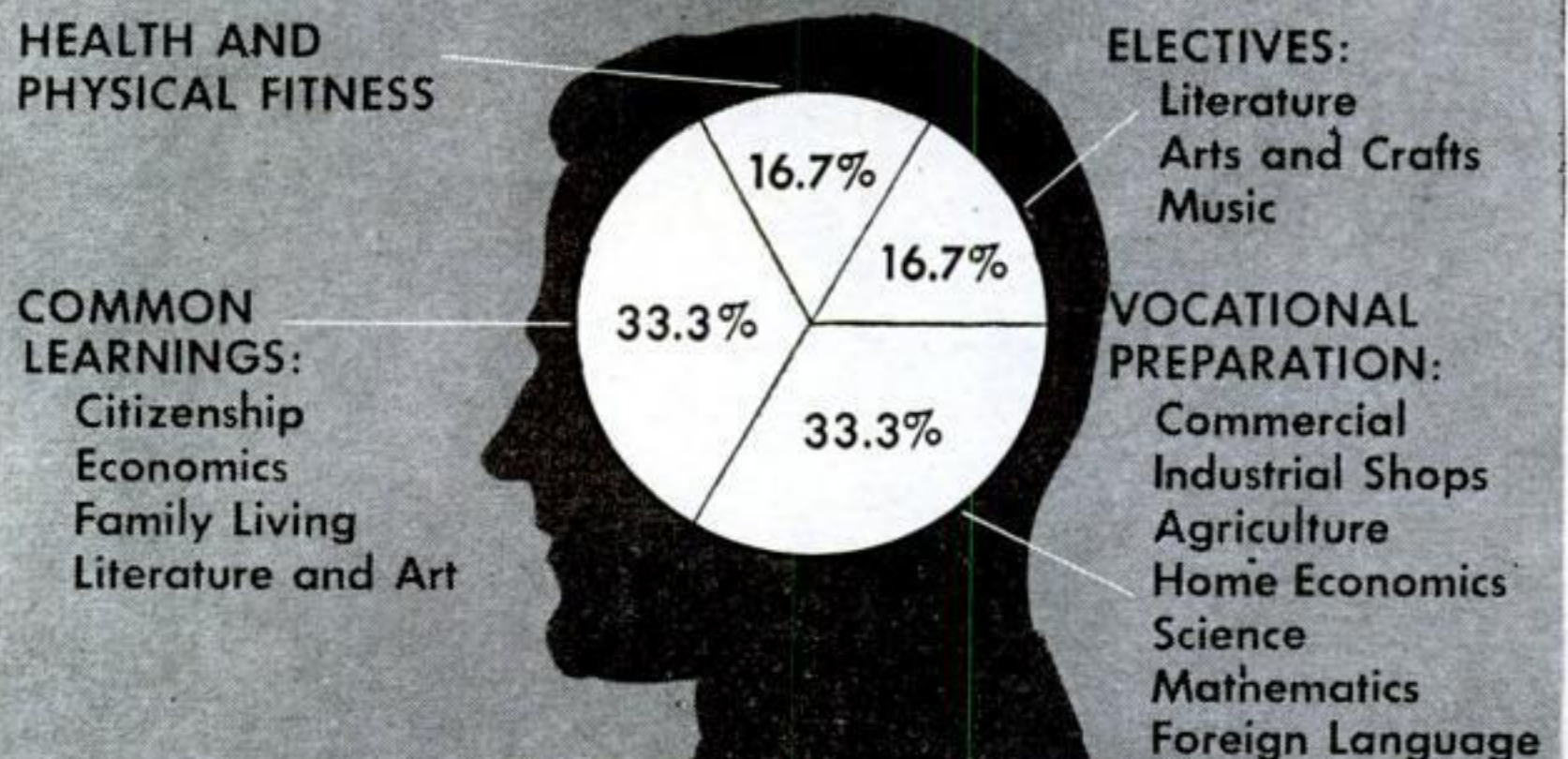
EAST HIGH CURRICULUM (General Student)



EAST HIGH CURRICULUM (College Preparatory)



N.E.A. CURRICULUM



HOW EAST HIGH WOULD CHANGE under Harvard and N. E. A. plans is shown in these charts, which compare two plans with East High's curriculum. East High closely follows N.E.A. plan.



JUVENILE PROBLEMS are presented to 12th-grade general education class by a visit to courthouse to hear judge speak about juvenile delinquency. Students also learn,

through such trips, how municipal court system operates, where it differs from the federal court system. Here they stand on courthouse steps. In background is state capitol.



SOCIAL PATTERNS of 10th grade are shown in chart above. Students were asked to list two best friends. On chart circles represent girls; squares, boys. Arrows show best friends each student chose. Survey found class divided into four cliques. Cliques at left and at bottom consist of girls; one at right, boys. Top group is mixed. Typical lonely

student is 25, who chose 4 and 11 as best friends, was herself chosen as best friend by no one. Other lonely students are 18, 22, 28. Most popular girls are 12 and 15, each of whom is named by four girls as best friend. Only breach in sharp line between the sexes is done by Boy 32 who likes Girls 7 and 8. They spurn him, list girls as friends.

COMMON LEARNINGS

Field trips and classroom discussions help liven up schoolwork

East High's general education program, modeled after N.E.A.'s common learnings, is designed to introduce the student to his school, his schoolmates, his community and the outside world. Although Harvard would have no specific objection to the many field trips which East High students take and the

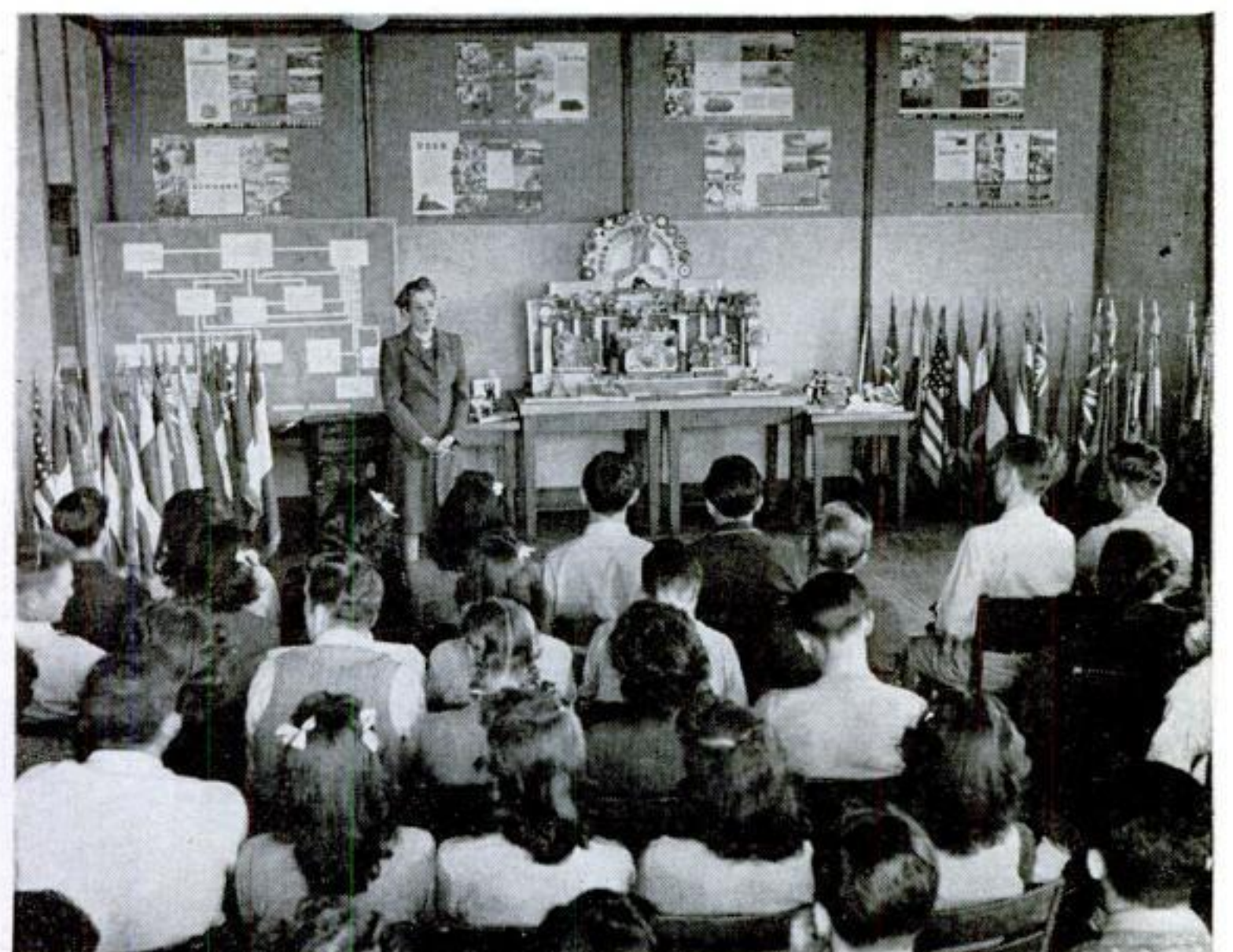
adult discussions in which they engage, it would object strenuously to East High's approach. Harvard would be more concerned with a discussion of Plato's *Republic* than with the problems of the current social scene.

N.E.A. finds no fault with the East High pro-

gram, likes the idea of students meeting their principal, their teachers and advisers and digging into their school's past history (*bottom left*). It especially applauds East High students traveling around their city, visiting newspapers and courtrooms (*see opposite page*) to help them in classroom discussions.



PLACE IN COMMUNITY is taught sophomore general education class through examination of their school's traditions. Here students examine old school's cornerstone.



PLACE IN WORLD is discussed by senior history seminar, which examines structure and organization of the United Nations. Model shows different branches of U.N. setup.



CLOTHING DESIGN CLASS spends half its time in clothing room and half in art class. Here Arlene Card models her homemade aqua tulle gown which she designed to make her look thinner.

U.S. High School CONTINUED

PRACTICAL COURSES

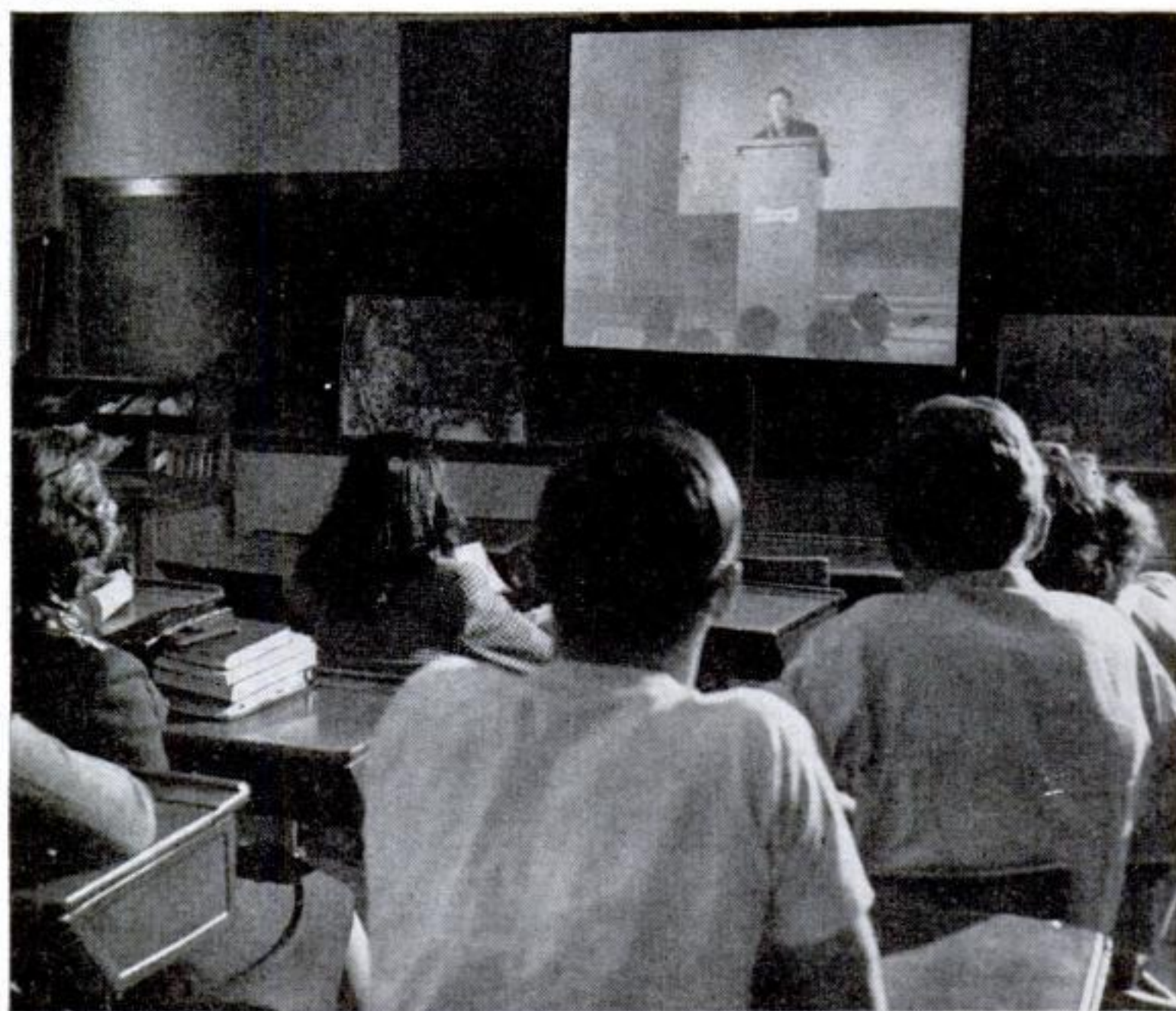
Students learn by doing

Most of the practical courses offered at East High are planned for students who do not intend to go to college, the students who most concern N.E.A. and Harvard. East High students have their choice of 176 vocational subjects, can learn to be beauticians, radio repairmen, waitresses. In the workshops pupils make their own dresses, jackets, handbags, wallets and furniture. Boys may take advanced shopwork, learn auto and aviation mechanics. N.E.A. is delighted with the number of courses that East High offers. But to Harvard this overabundance of vocational training should be done away with because it takes too much time from cultural courses.

In this educational struggle N.E.A., whose members hold most of the key posts, has the present advantage. Harvard must go to the public. The decision finally reached will be the most important yet made by East High and other U.S. high schools, which are today the most important part of America's educational structure.



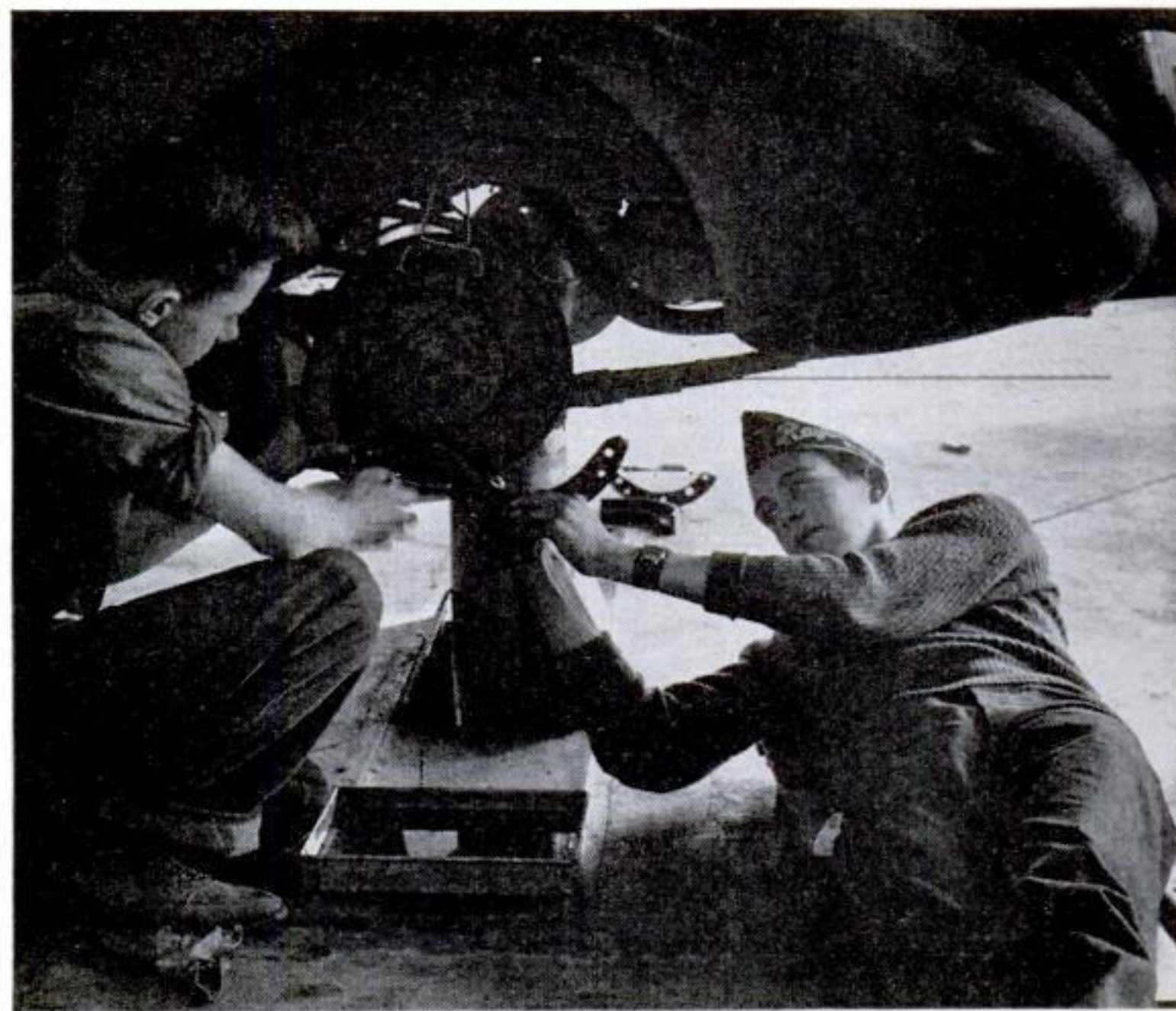
PSYCHOLOGY CLASS goes to see Ingrid Bergman in *Spellbound*, which deals with psychiatry. Later they will discuss picture, criticize its superficial psychiatric approach.



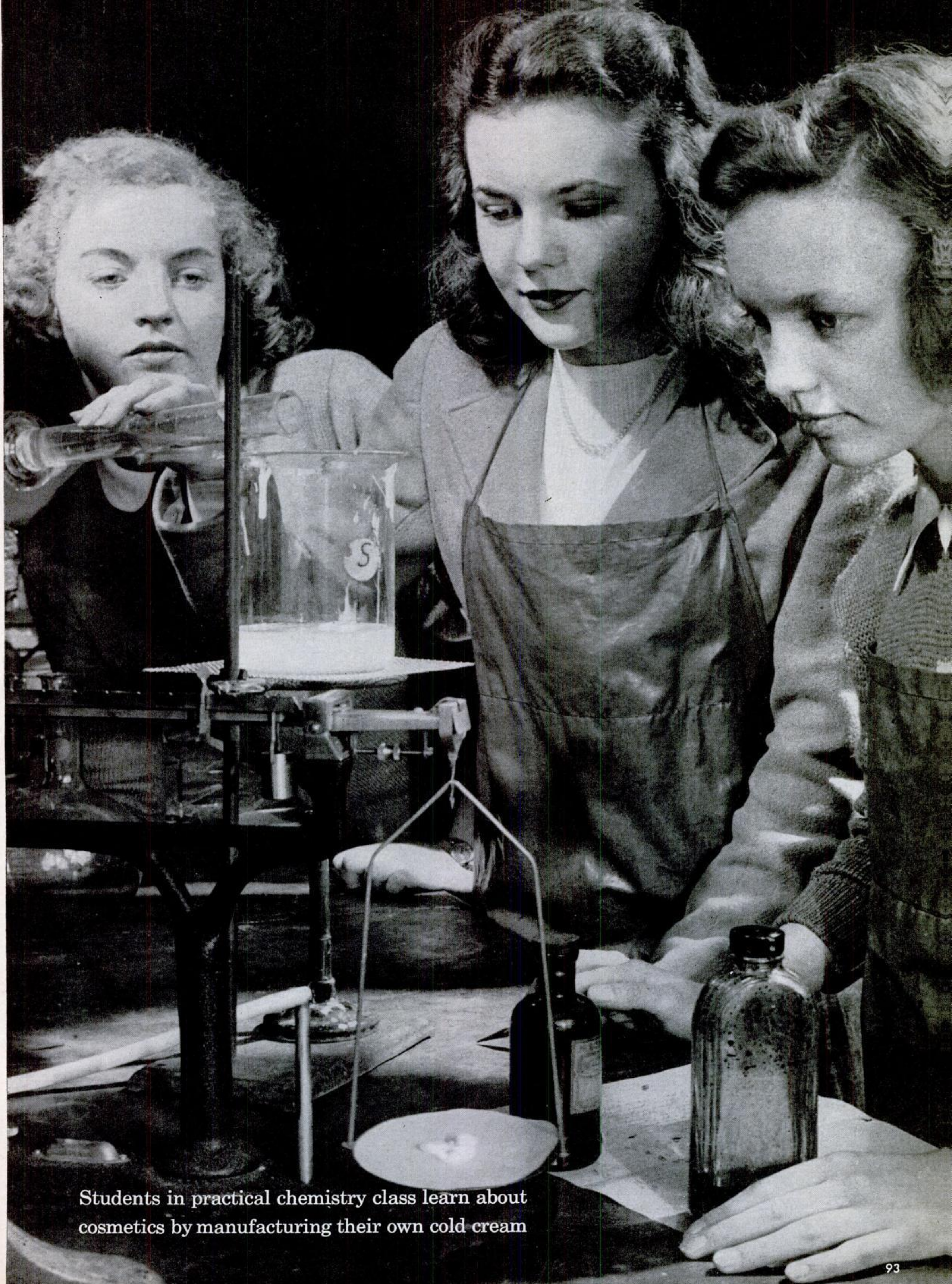
VISUAL AMERICAN HISTORY CLASS sees U. S. Army film, the *Negro Soldier*. Course is conducted almost entirely through films, radio programs, illustrated books.



TYPING CLASS is one of most popular in East High. Although set up for commercial students, it is open to other students who learn typing to prepare neater homework.



SHOPWORK is offered at nearby Emily Griffith Opportunity School where East High students may register for vocational courses for which they receive full classroom credit.



Students in practical chemistry class learn about cosmetics by manufacturing their own cold cream



CATS

Some people like them and some do not. But for more than 4,000 years they have taken a lively part in human affairs while minding their own business as well. Today they are getting more favorable publicity than ever

by ROGER BUTTERFIELD

CAT STATISTICS are rarely reliable, but competent authorities believe there are many more people in the world than cats. In the U. S., with 140,000,000 people, there are approximately 20,000,000 cats. About 40% of these, it is estimated, live with human families in houses or apartments. A larger group, perhaps half of all the cats, have semipermanent homes in barns, stables, factories, office buildings, restaurants, stores, prisons, churches and ships. The submerged remainder, the unorganized and unorganizable proletariat of the cat world, roam the back alleys, woods and deserts and do the best they can.

Published accounts of cat activities in this country reflect an increasingly tolerant and even friendly tone. Cats had an especially good press during the war, in which many of them took a helpful part. Working at their regular job of cleaning up rats and mice, they saw service in barracks, military depots, air transport terminals, docks, USO centers, countless war plants, the Pentagon Building and on naval and merchant marine vessels. A few gifted cats wore uniforms and sold war bonds or bought bonds from their own bank accounts. A surprisingly large number received citations of merit, official passes, work badges and the freedom of such key ports as New York, Boston and Baltimore.

Cats also accompanied and encouraged sailors, fliers and soldiers on dangerous missions. A Marine cat named Dammit flew 15,000 miles with members of a dive-bombing squadron and learned to give air-raid warnings by scrambling for shelter on Guadalcanal. Maizie, a seagoing cat, was torpedoed and spent 56 hours on a life raft, keeping up the morale of six shipwrecked sailors. She ate malted-milk tablets and went from one man to another, sitting on their laps and comforting them. "If Maizie hadn't been with us we might have gone nuts," one of the sailors said later.

The morale value of cats was widely recognized during the blitz periods in Great Britain, where they became the favorite wartime pets. Requiring less food and less space than dogs, they were also calmer and more consoling in cramped air-raid shelters. The English cats developed an acute foreknowledge of bombings. A poet wrote about them:

The cats know when a bomb's about to fall.

How do they know such things? They know, that's all. . . .

Cats took part in the evacuation of Dunkirk and even in the grim guerrilla warfare of the Eastern Front. According to Russian dispatches a Soviet cat from Kuibyshev carried propaganda leaflets into the German trenches near the city and was followed back to the Russian lines by a German deserter. Of course cats died by the millions in the seriously war-torn areas—they are practically extinct in Holland and Belgium—but in their own small field they accomplished miracles of survival. One cat from a Detroit war plant was accidentally nailed up in a crate with a diesel engine and shipped to Cairo, a journey of 41 days without food or water. When the crate was opened the cat was still on her feet and had four new kittens. She had stayed alive by licking grease from the engine parts. Similar stories have been printed of cats that were shipped from Detroit to Australia, from Freeport, Ill. to Buenos Aires and from Buffalo to Hawaii. It is doubtful if any human being could do as well.

Some cats, to paraphrase Thoreau, lead lives of quiet desperation, but many others have a thoroughly good time and take a lively part in human affairs. A cat helped build the Grand Coulee Dam by carrying a string tied to its tail through a winding drain pipe. The string was tied to a rope and the rope to a cable which the engineers had been unable to get through the pipe. A Long Island cat learned to retrieve tennis balls for its owner, and an Albany cat won \$100 on a sweepstakes ticket. An Irish cat recently flew across the Atlantic to join Mayor William O'Dwyer in New York's City Hall.

A half-Persian cat named Mr. Hafiz-Ali purrs on the radio at 8 o'clock in the morning, over station WJZ. A large black-and-white cat named Uncle Elizabeth appears nightly on Broadway in the play *I Remember Mama*. Uncle Elizabeth (who has an understudy) plays the part of a cat which nearly dies (off-stage); then he is carried on by a little girl and switches his tail in front of the audience to prove that he's alive. He has never failed to switch.

A small red cat named Rosie has been delighting movie audiences this winter by jumping into Bing Crosby's clerical hat in *The Bells of St. Mary's*.

Rosie and about 20 other cats are employed by Henry East, a trainer who supplies animals for Hollywood films. One of East's cats always works alongside a yellow mongrel dog in pictures which call for a cat-and-dog act. In front of the camera the dog barks at the cat, and the cat arches her back and spits at the dog. As soon as this is over, they are good friends again and ride home side by side in East's automobile.

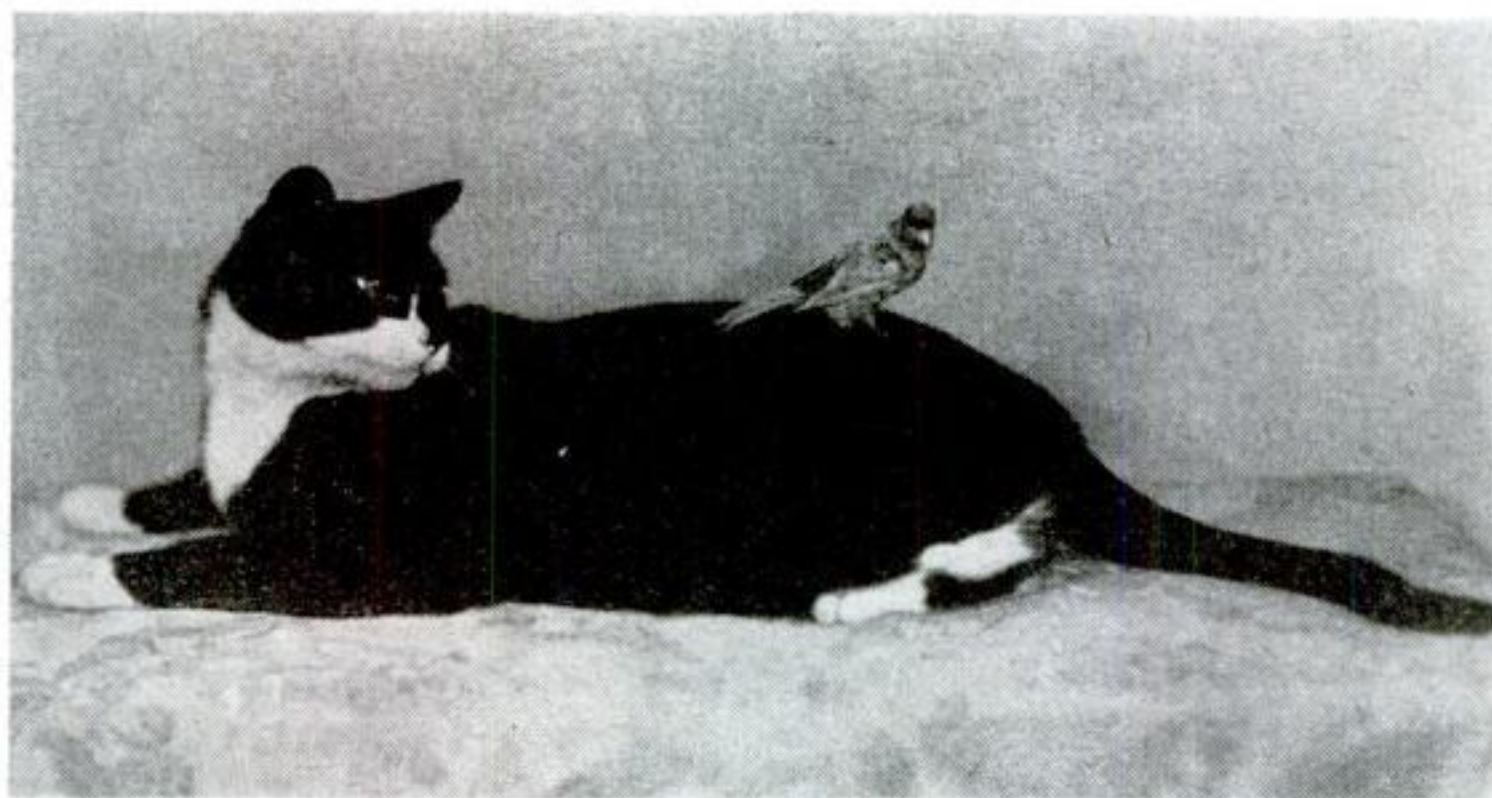
Cats are difficult to train for public appearances, according to East—not because they are not smart but because they are too smart to fall for the tricks which humans employ to make them do things. East's cats earn from \$15 to \$25 a day when they are performing. This is much more than

cats can make on government or corporation payrolls. The Standard Oil Corporation of New Jersey pays a Bayonne cat \$3.20 a month and board, while the British Treasury pays cats only 4¢ a day. A cat once saved \$8,000,000 in gold bullion for its owners by staying on a grounded ship off the coast of Lower California. The sailors fled for their lives, but as long as the cat stayed on board no salvager could claim the gold cargo, which was later restored to its owners.

By yowling nervously a cat was once credited with preventing a notorious murderer from escaping a Massachusetts prison, while another cat drove an armed bandit out of a Cleveland store by rattling some cigar boxes in the back room. Not long ago a stray cat that was taken in by a soldier's wife at an ordnance depot in Utah saved three members of the family from coal-gas asphyxiation the same night. The cat scratched the soldier's neck and arms until he woke up, just in time to carry out his unconscious wife and sister-in-law. In another house nearby a soldier who did not have a cat had been killed by the same kind of gas a few weeks earlier.

Favorable publicity like this is important to cats, which prefer to live on good terms with human beings whenever possible. They have experienced some enormous ups and downs in this respect. The ancient Egyptians, who were one of the first civilized nations and ruled most of the known world for a couple of thousand years, probably treated cats better than any people who ever lived. They built huge stone temples for cats to live in, worshiped them as gods and celebrated annual cat holidays with wine drinking, parades and singing in the streets.

The household cat in old Egypt wore jewels in its ears and was treated



TIMMIE, the cat shown in the painting on opposite page, watches President Coolidge's canary Caruso walk up and down his back. They first met in the White House.

CAT LOVERS are often rugged-looking men like Bascom Timmons, Washington newspaper correspondent. Here Timmons holds Mr. White, one of his eight cats, in front of a Howard Chandler Christy portrait of Timmie (see above), now dead.



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CAT GODDESS Pasht of ancient Egypt is shown (left) with a litter of sacred kittens. At right: a cat's mummy case. Egyptian cats led a pampered life.

CATS CONTINUED

as by far the most important member of the family. When a cat died its owners shaved its eyebrows and all the neighbors came to the funeral, which was a loud affair with much cymbal clanging, breast beating and more wine drinking. The dead cat was embalmed and wrapped in burial cloths just like a man and buried in a special cemetery. In 1895 one of these cat graveyards was uncovered near Beni Hasan, where 180,000 cat mummies were dug up, shipped to England and sold as fertilizer at \$18.43 a ton.

Egyptian law provided that if anyone accidentally or deliberately killed a cat his own life was forfeit, and a mob usually tore him to pieces on the spot. This was all fine while it lasted, but eventually other nations arose who hated the Egyptians, and a violent reaction set in. The enemies of Egypt became the enemies of cats. The Hebrews, for instance, had been conquered by a cat-worshipping king named Sheshonk and carried into slavery near the city of Bubastis, which was famous for its enormous cat temple. After their escape from Egypt they shunned all association with cats and did not mention them once in the Bible.

Starting all over again

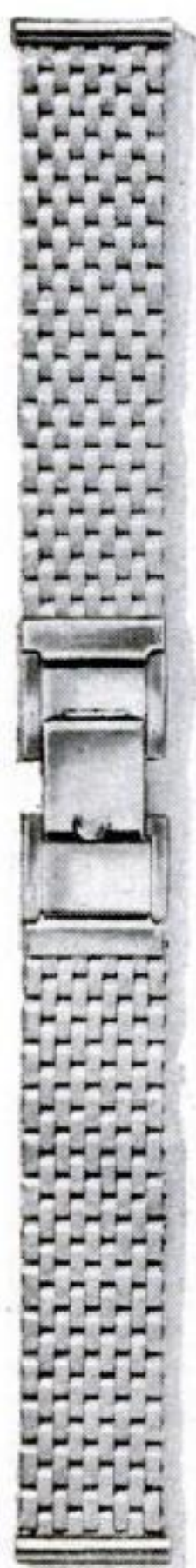
The Greeks and Romans felt much the same way as the Egyptians, but the Persians, who gave their name to a handsome breed of cat, made ingenious use of the Egyptian attitude. When Cambyses, a son of Cyrus the Great, was besieging the Egyptian stronghold of Pelusium, he ordered his soldiers to throw live cats over the wall at the defending troops, who were thrown into such a religious panic that the city was easily captured.

With the decline of Egypt as a world power, cats had to make their way in other countries by their own hard work. In rat-infested India and China they found early acceptance on the ground of utility. One of the oldest human proverbs on record is the Sanskrit saying, "The white cat eats the gray mice of the twilight." The Chinese said the same thing with a touch of humor, "A lame cat is better than a swift horse when rats infest a palace."

Around 600 A.D. a new wave of affection for cats swept the borderlands of old Egypt, chiefly due to the Prophet Mohammed, founder of Islam. Mohammed was fanatically fond of his cat, which he held in his arms while preaching from the highest tower in Mecca. Once when he started to go somewhere he discovered that the cat was sleeping on the sleeve of his gown, so he cut off his sleeve. According to Arab mythology cats originated on Noah's Ark when a lion sneezed and a cat jumped out of his nostril.

In northern Europe, as the swamps and forests were cleared and grain growing became the principal occupation, cats developed a humble place for themselves and clung to it tenaciously. They were up against some very tough obstacles, however. One of these was European man's ancient fear of catlike animals. For half a million years, perhaps, the European continent was dominated by gigantic cats called saber-toothed tigers. These monstrous beasts

CONTINUED ON PAGE 98



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CATS CONTINUED

grew to be 14 feet long, with protruding eyeteeth measuring up to 12 inches. They lived mainly on the hairy mammoth but they ate human beings with relish.

Another barrier which domestic cats have had to overcome also dates from very early times. The first farmers of Europe, like primitive farmers everywhere, believed in good and bad spirits. When their grain was ruined in the barn by weather, rats or other causes, they blamed witches and demons, and when their neighbor had better luck, they accused him of selling out to the powers of darkness. Very often when this happened a cat might be seen prowling around the lucky neighbor's barn. Instead of figuring that the cat caught rats and thus saved the grain they jumped to the conclusion that the cat was a witch.

Now it is true that cats sometimes behave in a manner that is distinctly uncanny from the human point of view. They jump straight up in the air for no apparent reason; they prefer to go out when it is dark (the scientific reason for this is that they do not see well in broad daylight); they make weird, alarming sounds, and sparks jump out of their fur. They do their hunting singly instead of in packs, as doglike animals have always done—"private enterprise" is an old watchword among cats.

They are, moreover, the only domestic animals which can look a man straight in the eye without flinching, and this has given rise to an ancient superstition that cats can read human minds. No doubt intelligent cats get to know their masters' foibles very well, but it is debatable whether cats do much real thinking. Probably the reason they watch people so closely is simply to see what the human race will do next.

But with the rise of the medieval idea that they had some connection with the powers of evil, cats in general entered upon very hard times. In Europe and Great Britain they were pursued, tormented and killed in every way that human cruelty could invent. Street crowds in London dressed cats up in monks' clothing, crucified and skinned them alive. Howling cats were tossed alive into flaming ovens after religious or court trials. In the Shropshire town of Albrighton a cat was whipped to death on the public green every year at Shrovetide, and the local inn celebrated this event with a sign which read:

*The finest pastime that is under the sun
Is whipping the cat at Albrighton.*

Cats retained a limited popularity, however, especially with writers, sailors and statesmen, and gradually a slow movement in their favor set in. Pope Gregory the Great and Cardinals Mazarin,

CONTINUED ON PAGE 100



PRIZE CAT Lavender Liberty, a Blue Persian, crouches by his trophies. Cat genealogists believe that these long-haired cats originated in Afghanistan.



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Modern life demands at least 1 man in 7 shave every day—yet daily shaving often causes razor scrape, irritation. To solve this problem, daily shavers have turned to Glider, Williams amazing shave cream discovery.

Rich, soothing Glider protects your face while you shave. It enables the razor's sharp edge to glide over your skin, cutting whiskers close and clean without scraping or irritating the skin. Not sticky or greasy—needs no brush.

SEND FOR GUEST-SIZE TUBE

Get Glider at your regular toilet-goods counter. Or send us your name and address with ten cents—and we'll mail you a guest-size tube, enough for three full weeks. The J. B. Williams Co., Dept. LG-5, Glastonbury, Conn., U. S. A. (Canada: Ville La Salle, Que.) Offer good in U.S.A. and Canada only.



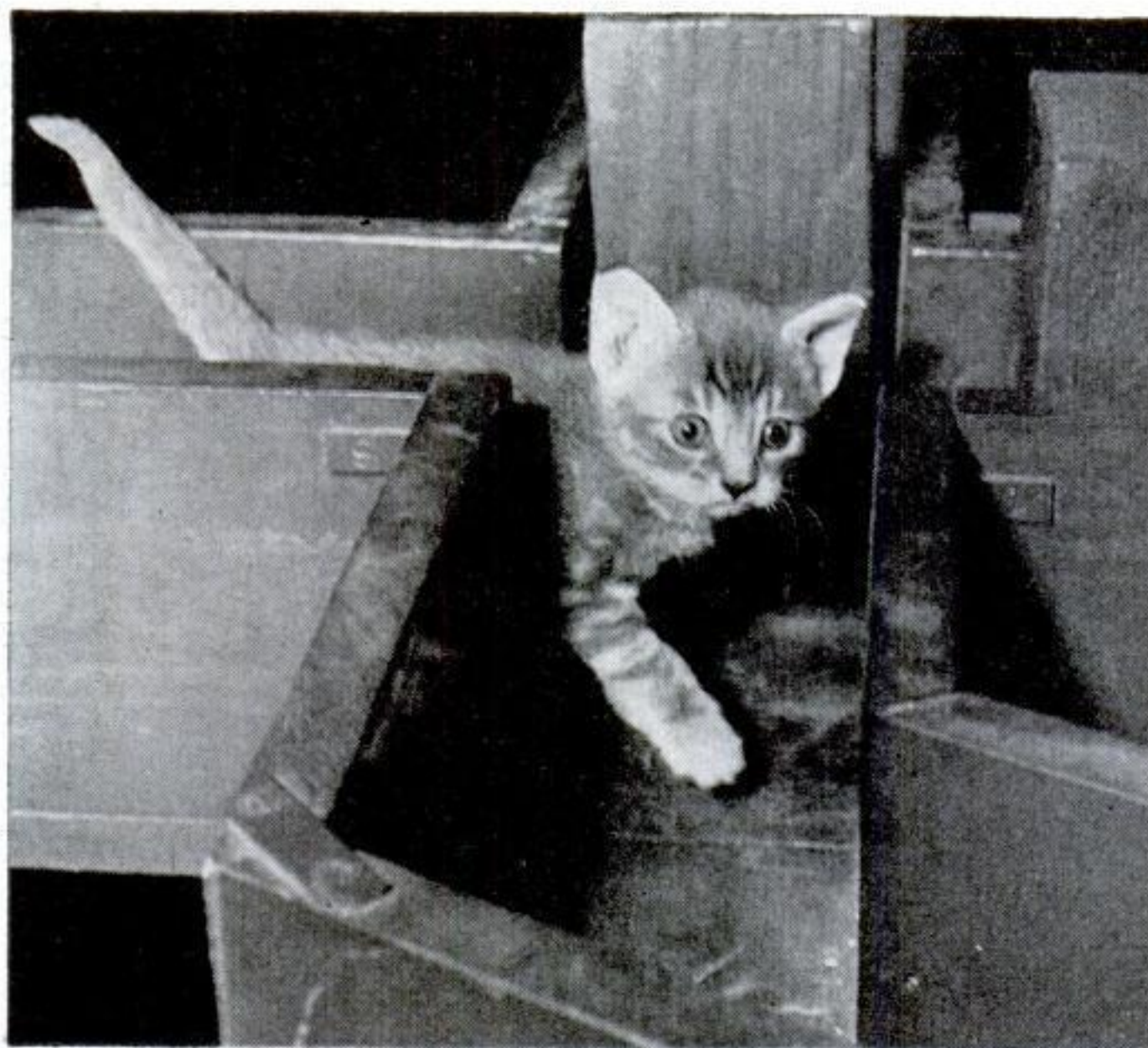
HANDKERCHIEF TEST



PROVES VITAL ZONE SPOTLESS AND FREE FROM "GOO"—no matter how often you smoke it!

Wm. DEMUTH & CO., Inc., N.Y. 22

HESSON GUARD MILANO



SMART KITTEN, only six weeks old, has already learned her way through a three-way maze to her food box. Cats are clever at problems like this.

CATS CONTINUED

Richelieu and Wolsey were lovers of cats. Samuel Johnson carried his cat Hodge to the fish stalls and fed it oysters while Boswell, who hated cats, looked on. The poet Thomas Gray wrote an elegy to a cat which drowned in a goldfish bowl. Petrarch, who knew of the Egyptian practices, embalmed his cat with his own hands and placed it over his doorway. Prince Potemkin of Russia won the love of Catherine the Great by giving her a cat. Charles Dickens had a deaf cat which sat beside him when he wrote and put out the candle when he wanted the author to stop. In France during the late 18th Century men carried special combs in their pockets to smooth the fur of their lady friends' cats.

Happiness within limits

In the U.S. today cats are allowed life, liberty and the pursuit of happiness within some very definite limits. A Cleveland jury once ruled that a cat may bite a person who steps on its tail, accidentally or otherwise. In Pennsylvania two coal miners who ate several cats were arrested for disorderly conduct. In Omaha a judge decided that a cat could go on living even though its sentimental owner left instructions to kill it after her death. The Virginia legislature refused to pass a law restricting the movements of cats to within 500 yards of their homes.

A Boston judge set an interesting precedent a few years ago when he ruled that two cats named Joe Louis and Maxie Baer could not be charged with rape. The cats were accused of breaking out of their hotel room and chasing the hotel cat, Miss Fluffy, into the cellar. Her owner demanded \$50 for veterinary expenses. After hearing medical evidence in favor of the defendants the court ruled they were not legally responsible.

Cats which are family pets are recognized as property in many states and persons who steal or lure them away are subject to prosecution. But stray cats have practically no legal standing. Hunters may shoot them on sight in New York, Pennsylvania and elsewhere. People who abandon cats on the highway can be arrested and fined in many states and, of course, deliberate cruelty to cats is a crime everywhere even when committed indirectly.

Cats are used widely in scientific research because their thinking processes are, on a miniature scale, very much like men's. It is illegal, however, to go around indiscriminately collecting cats for this purpose.

Cat lovers, like cats, are highly individualized and unpredictable in their behavior. In this country they have never been able to get together in a united front to get things done for themselves or their cats. Professional cat breeders are notoriously antisocial and quarrel constantly among themselves over such questions as whether Blue Persian cats with orange eyes can be exhibited in the same class with Blue Persian cats who have pink or gold-colored eyes. There are nearly 100 local breeding societies scattered around the country and three large federations of cat clubs. But there is no central authority for records and breeding information,

FOR GENTLE RELIEF

try **Nujol**
MINERAL OIL

The easy-action laxative for ordinary constipation



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RED-ITCHY SKIN? watch out—it's often ECZEMA

'Invisible' Liquid Promptly Relieves Torture!



First applications of wonderful soothing Zemo—a Doctor's highly medicated invisible liquid—quickly relieve intense itching burning of Eczema, Psoriasis and similar annoying skin and scalp irritations due to external cause. Zemo also aids healing. Amazingly successful for over 35 years! Apply any time—doesn't show on skin. Buy Extra Strength Zemo for mean cases.

ZEMO

CONTINUED ON PAGE 102



This emblem identifies International Trucks—International Dealers—and International Harvester Branches. Behind it stands the nation's largest company-owned truck service organization.



TRUCK SERVICE by TRUCK SPECIALISTS for a Prosperous America

MOST OF AMERICA'S TRUCKS have years of hard, punishing service behind them. Half the trucks on the road today are more than eight years old. *And let's keep this in mind*—most of these old trucks *still* have a tremendous part to play in building production for a prosperous America.

The service these trucks can render to industry and commerce depends entirely

upon the kind of service they are given.

Truck service is the biggest factor in truck operation—and in operating cost—no matter what work the trucks are doing or who they're working for.

Truck service now is a bigger job than ever.

International Truck Service—the largest company-owned truck service organization—and thousands of International Dealers

everywhere are at your service, no matter what make or model your truck may be.

Drive your truck in at the sign of the INTERNATIONAL Triple Diamond for truck service by truck specialists. No lost time, no lost motion. No tinkering, no guesswork. Swift. Sure. Economical.

Motor Truck Division
INTERNATIONAL HARVESTER COMPANY
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Listen to "Harvest of Stars" Every Sunday, 2 p.m. Eastern Time! NBC Network

INTERNATIONAL



TRUCKS

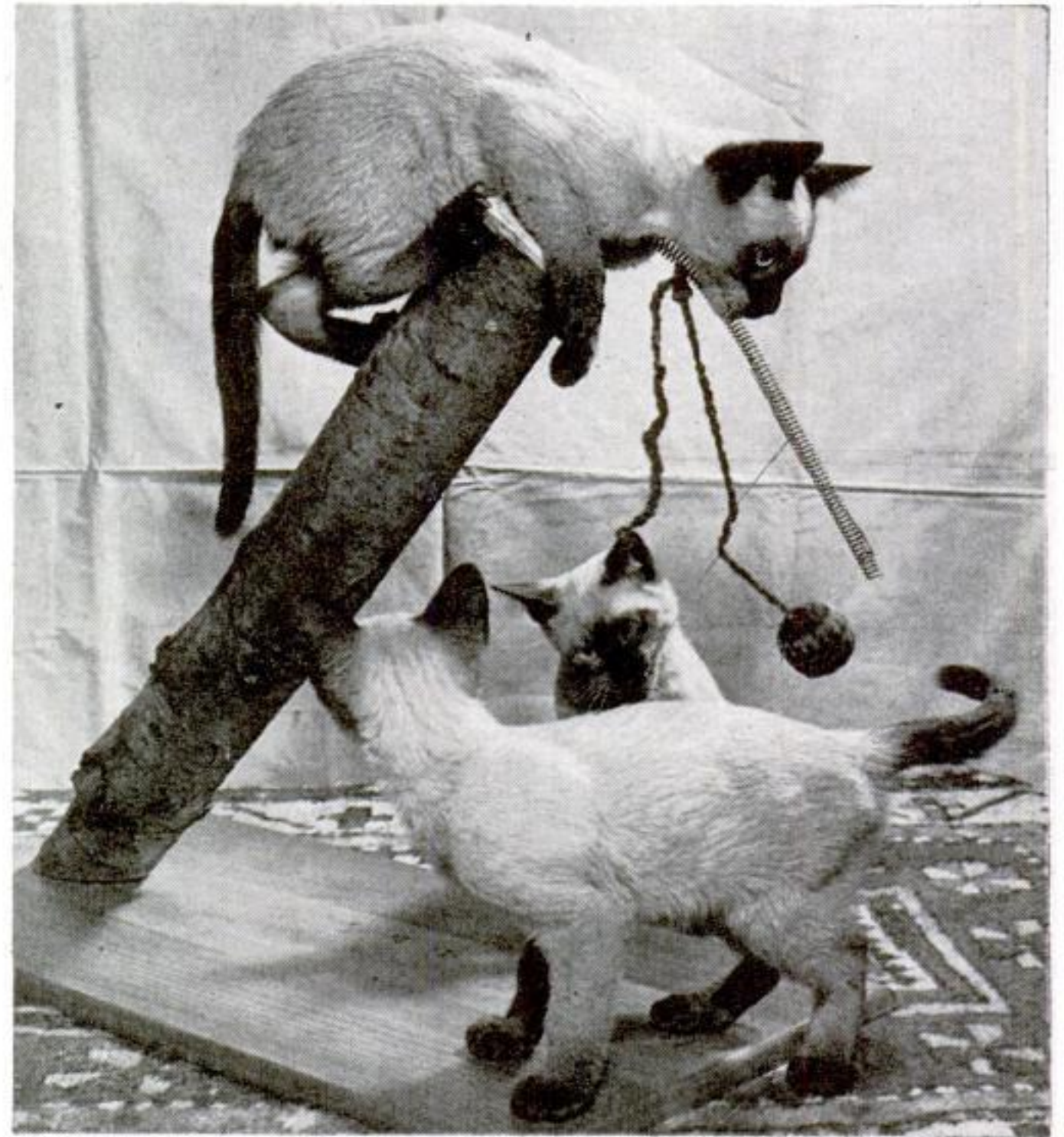
TOP RATING!



DAYSTROM CHROME SETS with the DECORATED PLASTIC TOPS...

... so smooth, so smart and so very practical. These new streamlined sets are designed to bring sunlight and beauty into the most lived-in room in the home! Richly upholstered chairs, heavily plated in gleaming tubular chrome—and decorator-designed table tops that are chip proof, stain and heat resistant—and so easy to clean! Daystrom, the world's largest producer of tubular chrome furniture, sets the Fashion for Kitchens! See them in better stores everywhere!

DAYSTROM CORPORATION, OLEAN, N. Y.



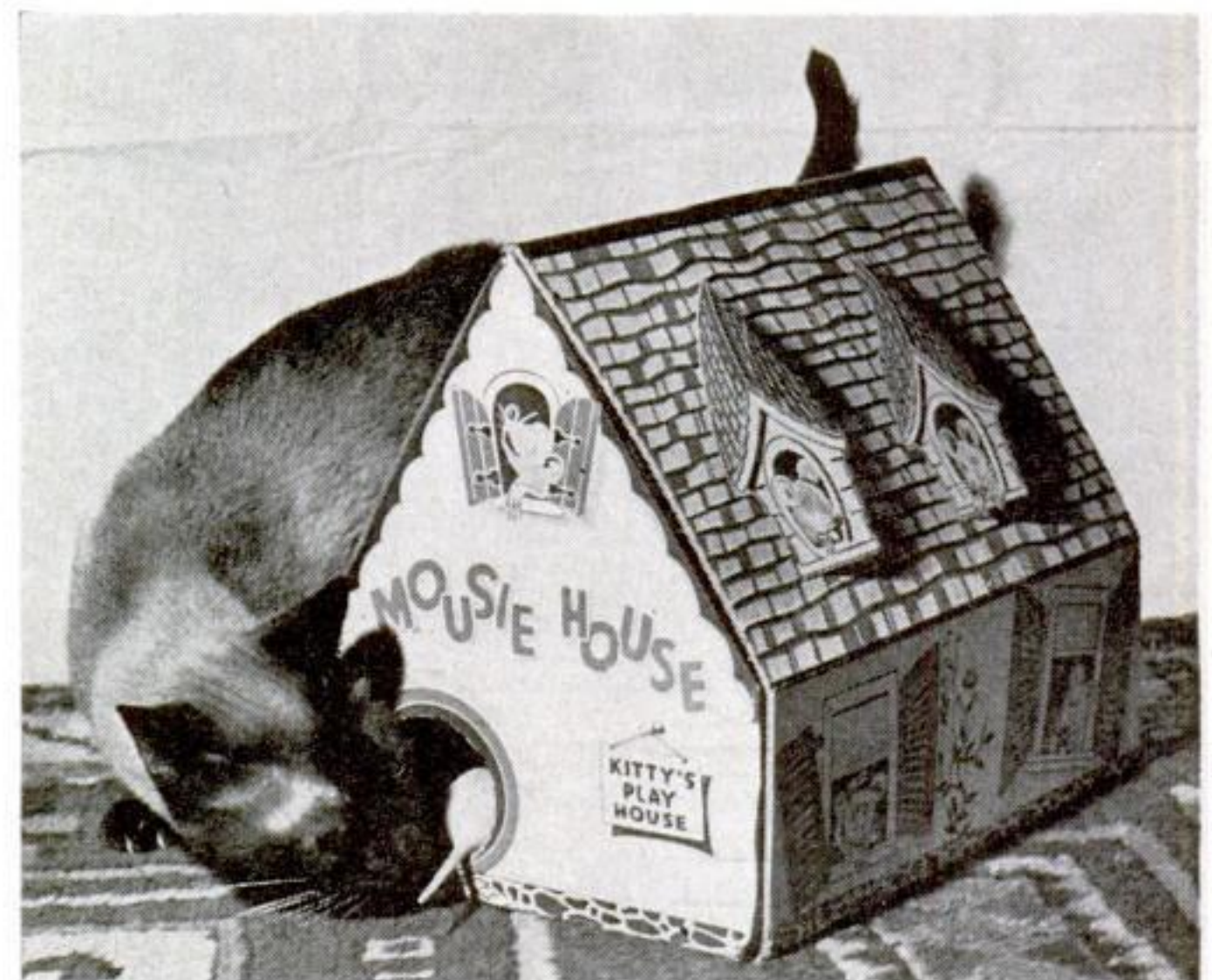
KATNIP TREE with spring and ball attached entertains three Siamese cats. The Siamese, contrary to popular belief, were not developed for the King of Siam.

CATS CONTINUED

such as the Kennel Club for dogs and the Jockey Club for horses.

Amateur cat enthusiasts are even harder to organize than the professionals. England has the Cats' Protection League, which was active in behalf of cats throughout the war and once rebuked Winston Churchill for fondling a cat during his Atlantic Charter meeting with President Roosevelt. The League took the stand that Churchill had failed to conform to cat etiquette by picking up the cat before it showed any interest in him. The U. S. has two national societies, neither of them very large or influential. The Allied Cat Lovers International Inc. is headed by Truman Pierson, a Minneapolis postal employee. This group has the support of Dr. Ida Mellen, who is probably the leading writer and scientific student of cats in this country. A much more sensational outfit is the American Feline Society, which is headed by a New York advertising man named Robert Kendell. In 1944 Kendell managed to involve the White House, U. S. State Department and British Foreign Office in an unseemly tangle over cats. It seems that two kittens had been born in the silver room of Buckingham Palace and were looking for a new home. Kendell, under the prodding of the London *Daily Mirror* and its beautiful New York corre-

[CONTINUED ON PAGE 105](#)



MOUSIE HOUSE, a patented toy, contains a mouse which runs back into the house when cat releases string. Only relatively well-to-do cats have these.



Trooper of Second Dragoons. (Royal Scot Grays—established 1678). One of a series of paintings* in the Kings Men Collection by Donald Teague

Toiletries WITH A GOLDEN HERITAGE OF Britain's Great Traditions

In their cool, virile scents, their lasting fragrance... is the tradition of Saville Row, the heritage of the finest British imports. Exquisitely presented in flacons fired in 23-karat gold.

Colognes, lotions, shaving requisites, \$5.00
Essence, \$10.00. Sets of varied combinations to
\$15.00. Refills for most items. At fine men's shops
and department stores.

A PRODUCT OF WINDSOR HOUSE, LTD.
Los Angeles—Lincoln Building

*Beautiful color reproduction of the Donald Teague painting, illustrated above,
without advertising and ready to frame, will be mailed upon receipt of 25c.

FIRED IN
23-KARAT
GOLD

KINGS MEN

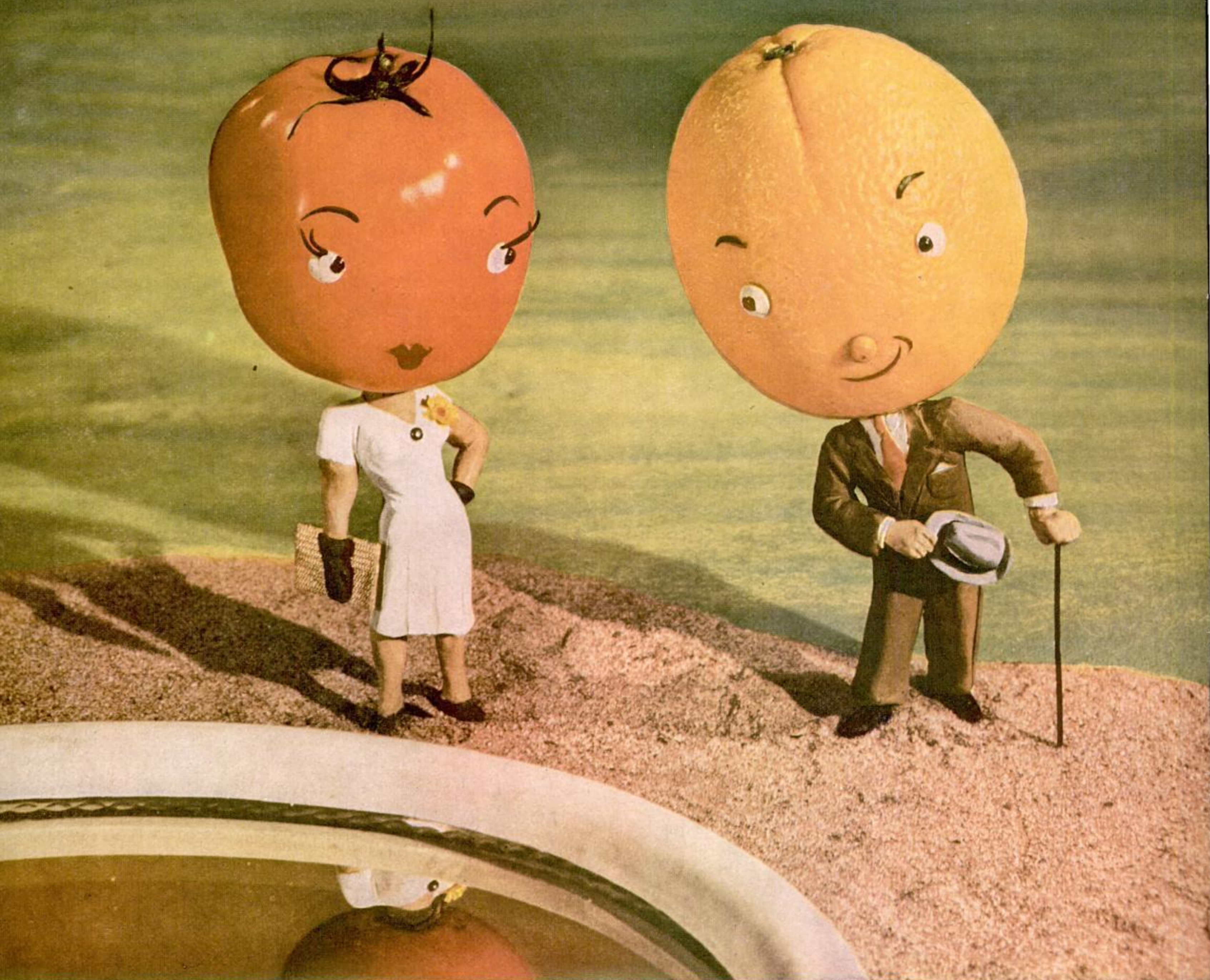
**"TOILETRIES
IN GOLD"**

Trade Mark

*For the Man who Commands
Life's Finest*



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Windsor House, Ltd.



Youth *will be served*

WHEN YOUR CHOICE is between plump, juicy fruits and vegetables and a slightly withered version of the same—no question which you'll go for...

Today some of the tastiest products of the soil may be weeks old. Over the protective rind or skin provided by nature, man has applied an invisible outer "skin" that seals in juices and vitamins... keeps the fruits plump and fresh.

Scientists at Shell's research laboratories were asked to develop a "carrier"—a solvent that would evenly distribute a protective coating over the entire surface of a fruit or vegetable, then promptly disappear.

This coating must not injure the fruit, naturally—and it must not leave the slightest trace of odor or taste.

Working with the manufacturer's experts, Shell scientists took on the problem... went to work with

their petroleum molecules, and after a long series of tests in the selection of hydrocarbons, were ready with a solvent that met every requirement.

Everybody benefits. Today the grower is no longer penalized when his delicate products are delayed in transit. The dealer's last half dozen in a crate of lemons are as plump, beautiful and salable as the first. Most important, *you the user* benefit—through the "garden freshness" of your purchase.

Shell's solvent for this purpose is only one of dozens which Shell produces in vast quantities from petroleum...

Toluene, hexanes, heptanes, rubber solvents, paint and lacquer thinners... these and other solvents do their work and disappear, their performance reaching you in the form of better products: fine modern finishes... tires for your car... edible fats and oils... linoleum... the "printer's ink" of type and pictures in your favorite magazine.

Out of leadership in Research... a remarkable new Shell Gasoline. Just as numerous solvents are Shell originals, Shell Research now brings you a remarkable new gasoline for your car. Even if you can't have a new car right now—you'll find the "next best thing" is a tankful of this new Shell motor fuel. Your motor will prove to you, with your first trial, that new Shell Gasoline is *4 ways better*.



*Horizons widen
through
Shell Research*

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Incorporated

CATS CONTINUED

spondent Georgina Campbell (now Tommy Manville's eighth wife), demanded that the kittens be flown across the Atlantic and adopted by President Roosevelt. He overlooked or ignored the fact that the President already had a nervous little dog named Fala and that Mrs. Roosevelt was not very fond of cats. Much tabloid publicity and an exchange of polite diplomatic messages followed, with the result that the kittens stayed in England.

Making it easy for Felix

A Seattle exporter named Dan Yoder, who does not belong to any organization, has probably done as much as anyone to enrich the lives of American cats. Yoder used to be in the mothproofing business and had occasion to observe the damage which cats do to upholstered furniture with their claws. One day he cut a piece of wood 12 inches long and 3 inches square, grooved the sides and filled in the grooves with ground catnip. He covered this with strong carpeting and stood it on a plywood base. His cat Felix immediately took to this scratching post and never bothered the Yoder furniture again.

Yoder patented this device under the name of Katnip Tree and promoted it with sales letters addressed to "Dear Friend Kitty" and signed "Felix," as from one cat to another. More than 25,000 cats now have Katnip Trees and generally prefer them to furniture for scratching purposes, though not always.

Yoder's next inspiration was the Mousie House, which ranks in cat circles alongside such inventions as the automobile and the atomic bomb. The Mousie House is a plywood and paper box about 10 inches high, printed to resemble a small house with windows, shutters, peaked roof, etc. At each end is a small door just large enough to admit a cat's paw and foreleg. Inside the house is a solid felt mouse, injected with essence of catnip, attached to a spring and elastic cord. When a cat pulls out the mouse and lets go, the mouse scampers back into the house. This plaything has an almost endless fascination for cats, especially if there are enough of them to keep both doors covered.

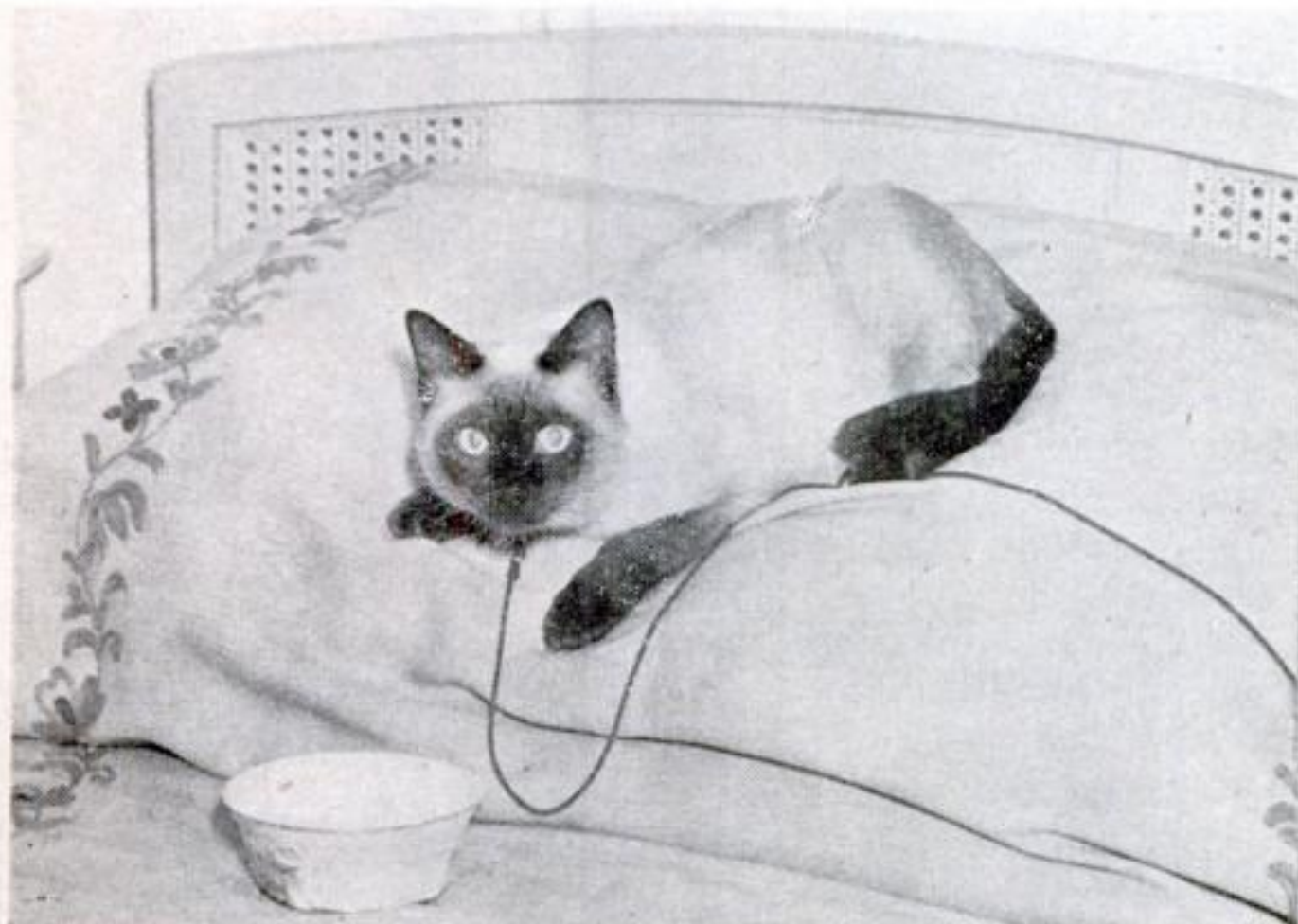
Luckily for cats, the people who hate them are just as disorganized as the people who like them. There are many genuine ailurophobes in the world, including some unfortunate cases who become physically or mentally ill at the sight of a cat. These people rarely do anything about it, except to kick, shoot or poison a few cats. A Chicago banker named Rockwell Sayre carried on what was probably the most vigorous one-man campaign against cats in recent times. He paid 10¢ for each dead cat brought to his house, offered \$100 to the man who would "kill the last nasty cat on earth" and distributed printed verses beginning:

*Who kills a cat gains a year;
Who kills a hundred never dies.*

He died, however, without even coming close to his goal.

A few years ago an attempt was made to bring all American cat haters together into what was called, rather deceptively, the International Cat Society, with headquarters in New York. This organization put out pamphlets charging that cats spread disease (cats catch more diseases from people than people do from cats), smothered babies to death (no authentic case of this has ever been reported) and were exterminating songbirds. The Society provided

CONTINUED ON NEXT PAGE



BREAKFAST IN BED was enjoyed on a New York-Panama trip by Prince Rahula, pedigreed Siamese who occupied an entire stateroom with private bath.

4 Reasons Why

**Fleischmann's makes America's
Most Delicious Martini!**



DISTILLED FROM AMERICAN GRAIN. 90 PROOF.

You find all 4 only in

FLEISCHMANN'S...

America's First Gin

THE FLEISCHMANN DISTILLING CORPORATION, PEEKSKILL, NEW YORK



**How
beautifully
free you feel**

Whenever you hear a woman speak enthusiastically about Tampax, you are listening to a typical user—and it's natural for her to talk that way. This modern sanitary protection has no hampering belts and external pads. So you feel just as free on Tampax days as on any other day of the month!

Invented by a doctor, Tampax is made of highly absorbent surgical cotton compressed in applicators for easy and dainty insertion. Your hands need never touch the Tampax and you are unaware of its presence when it is in place. No odor can form with Tampax. No chafing is possible. No edge-lines will show in skirts. Moreover, changing is quick and disposal is easy.

Millions of women are now using Tampax and feeling "beautifully free" every month. Why shouldn't you be one of them? You can buy Tampax at any drug store or notion counter. A whole month's supply fits into your purse. Comes in 3 absorbency-sizes: Regular, Super, Junior. Tampax Incorporated, Palmer, Massachusetts.

**NO BELTS
NO PINS
NO PADS
NO ODOR**

3 absorbencies { **REGULAR
SUPER
JUNIOR**



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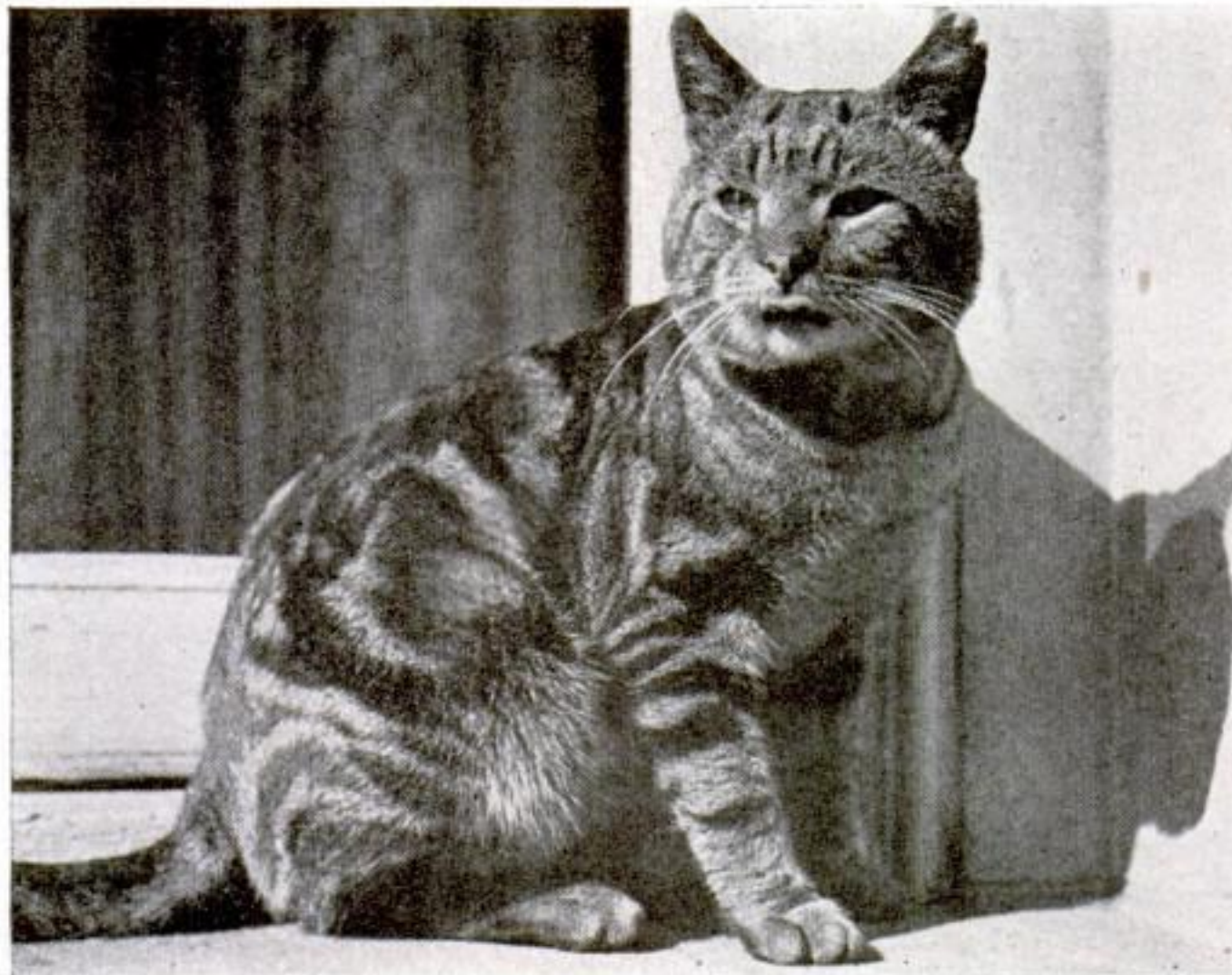
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Tampax. I enclose 10¢ (stamps or silver) to cover cost
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ALLEY CATS, or ordinary short-hairs, constitute the mass of cat population. Many have dark tiger striping which may date back to African ancestors.

CATS CONTINUED

cat-catching traps and sponsored legislation to license pet cats as a first move to annihilating all the rest. It soon died out without making much of a dent in the cat population.

The old idea that cats just naturally catch and kill birds and small animals has, of course, been exploded in a thoroughly scientific manner. A psychologist named Z. Y. Kuo did the exploding in a classic experiment called "The Genesis of the Cat's Response to the Rat," which proved that rat killing is an acquired ability for cats, just as earning a living or playing baseball are acquired abilities for humans. Cats have to learn this business, and it takes talent, application and energy for them to learn.

Kuo's experiment showed that when 21 kittens watched their mother kill a rat every four days in front of their cage, 18 of them eventually learned to kill rats themselves. On the other hand when 18 kittens lived in the same cage with rats and never saw one killed, only three of the 18 ever killed a rat.

This helps to explain the strange behavior of a cat in Manchester, England, who caught a mouse in the routine manner, then put it in her basket and made a permanent pet of it. They slept together every night and when the cat had to go to the veterinarian's for several days her first thought on returning home was a reunion with the mouse.

How cats make friends

Mother cats in Texas, Washington, New York and other places have adopted baby rats or mice and nursed them along with their own kittens. Other mother cats have nursed baby skunks, minks, squirrels, rabbits, leopards, foxes, puppies and pigs and joined with mother hens in hatching chicks. The maternal behavior of cats is a study in itself. Some cats are snappish and irritable as motherhood approaches, while others walk around in a pleasant daze, on good terms with everybody. Some are careful of themselves while others try to squeeze through small holes, with disastrous results.

Some cats learn to kill birds in the same way that they learn to kill mice. Other cats like birds and are remarkably kind to them. A cat which lived in a New Hampshire antique shop once brought home a fledgling robin which had fallen from its nest, licked it and restored it to health. They became such friends that the robin never learned to fly and stayed in the house instead. At last reports the robin was 12 years old and still living inside with the cat.

A Southern cat named Pussywillow recently made friends with a mockingbird which flew down and picked fleas out of her fur. In return Pussywillow now allows the bird to eat part of her dinner each day. In Savannah, Ga. a cat named Wuffle saw a canary escape from its cage and fly out a window. Wuffle waited until after dark, when the canary would be asleep, and then went out and brought it back in her mouth, unharmed. Other cats have made friends and playmates out of ducks, pigeons, sparrow hawks, turtledoves, hens, sparrows and parrots.

One of the most famous cat-and-bird friendships on record was that between Caruso, a canary which belonged to President Coolidge, and Timmie, a black-and-white cat owned by Bascom Tim-

BEST RUG RUINED...

**Just one application of
Hex would have saved it!**



Just one quick spraying of HEX on woollens keeps them safe from moths! Scientific tests prove that *moths absolutely will not harm fabrics treated with safe, odorless Hex*. For lasting, proven protection buy Hex. No storing away or wrapping necessary! A Koppers product.

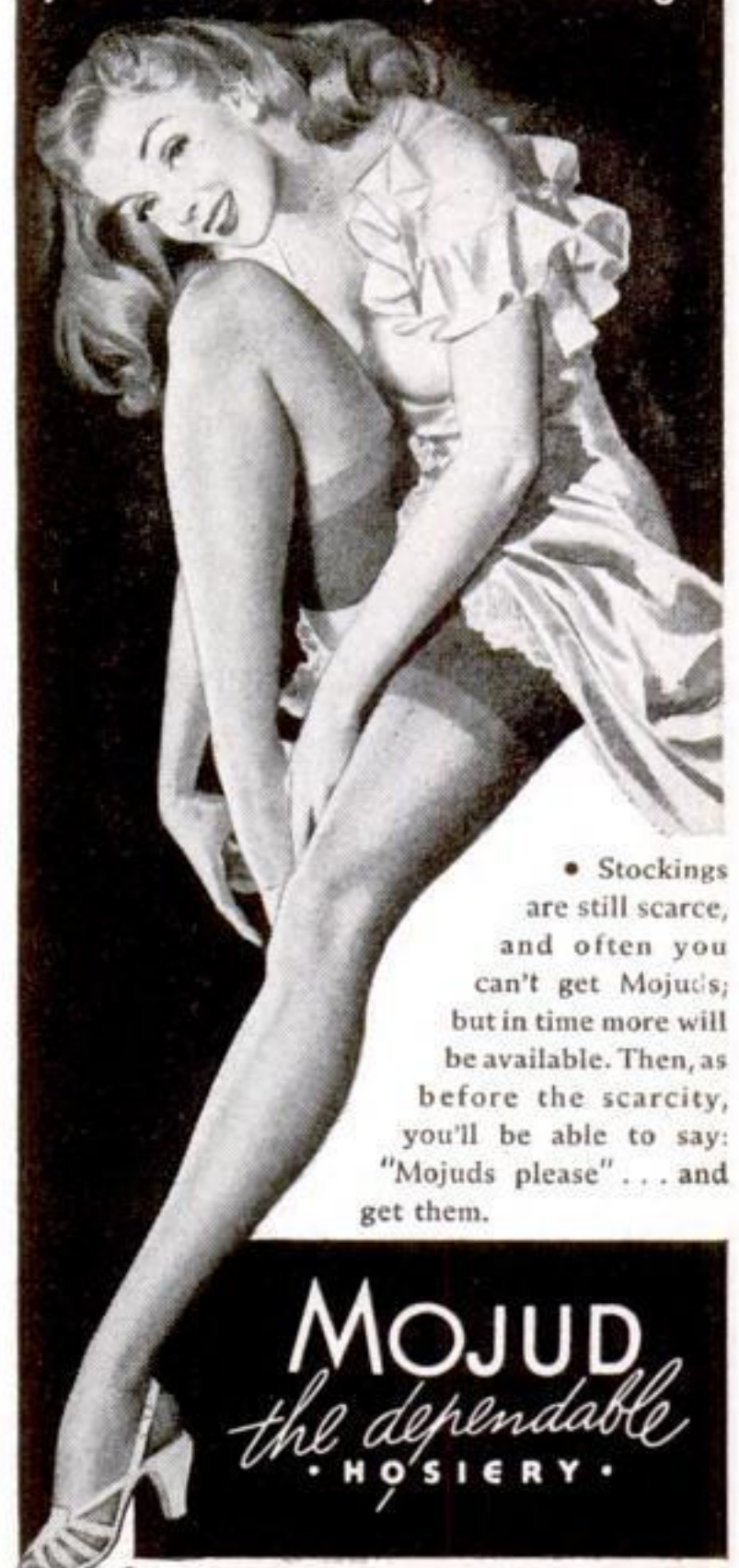


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PUTS THE HEX
ON MOTHS!**

**BUY HEX AT
VARIETY, HARDWARE,
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MOJUD

**... a name that means everything
you can ask for in nylon stockings**



• Stockings are still scarce, and often you can't get Mojuds; but in time more will be available. Then, as before the scarcity, you'll be able to say: "Mojuds please" ... and get them.

MOJUD
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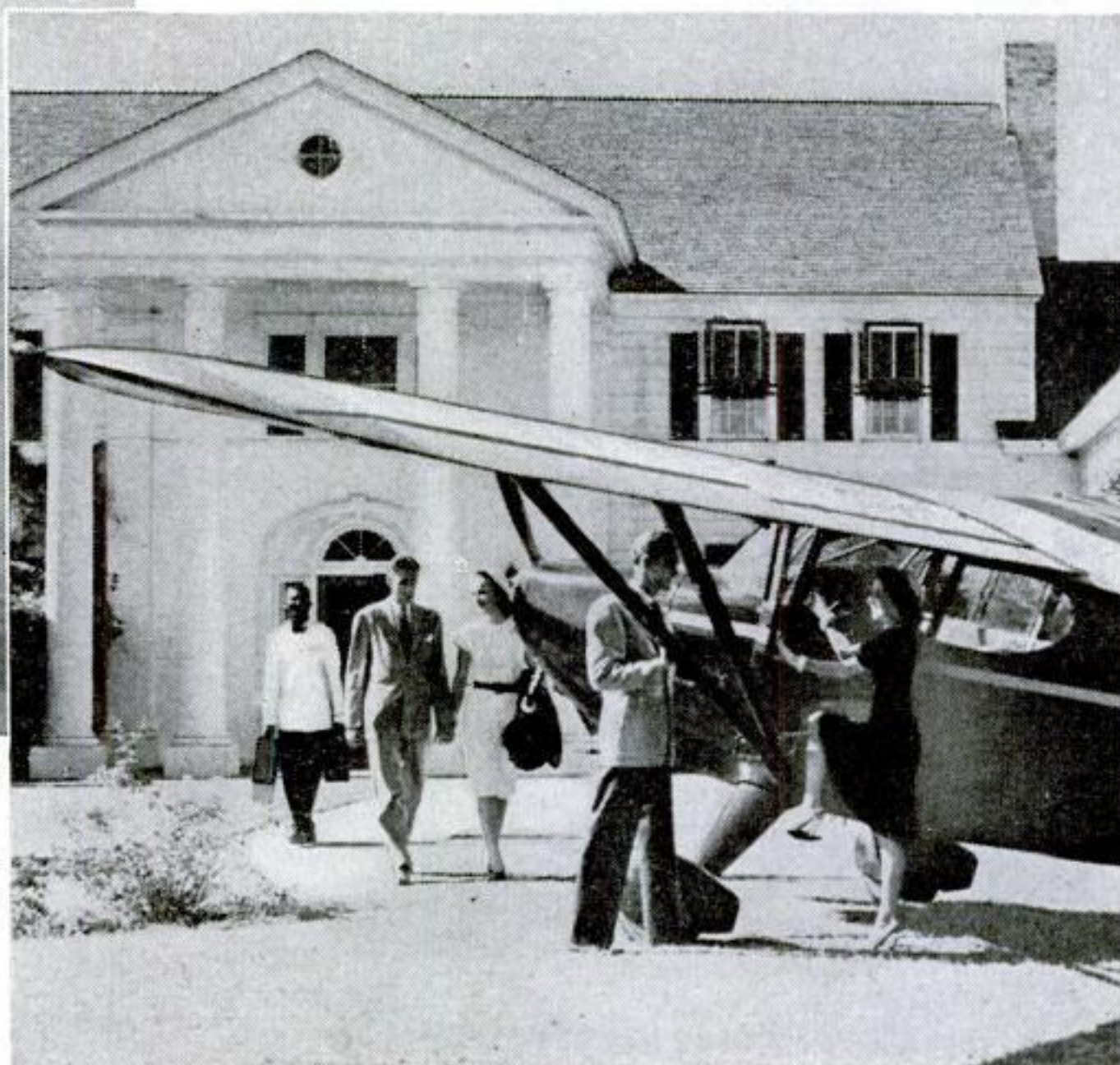
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CONTINUED ON PAGE 108



When you put your Stinson Voyager 150 into a climb, you can sit back and relax . . . confident that it will take you over the mountains ahead. With this plane, you don't have to waste time and fuel in spiraling to gain altitude. The Voyager 150 climbs at the rate of 770 feet per minute, has a service ceiling of 14,000 feet.

And when you set the Voyager 150 down in a high-elevation landing spot, where the air is thin, you know you can fly it out again . . . and easily, too. Even at an elevation of 8700 feet, the Voyager 150 needs only 1350 feet to take to the air—and at sea level it takes off with a run of 550 feet. The Voyager 150 is truly a "fly-anywhere" plane!



Inside and out, the Voyager 150 is a handsome plane and a luxurious one. Seats are richly upholstered and individually adjustable to your comfort. The cabin is soundproofed and has controlled ventilation. From its trim propeller to its smartly designed rudder, this plane's a thoroughbred!

Your choice of two striking color combinations . . . blue-yellow and maroon-gray. And in the Voyager 150 "handsome is as handsome does." This plane carries a useful load of 944 pounds.

You'll fly high, wide, and handsome

in the STINSON VOYAGER 150

The Voyager 150 puts you in easy reach of *everywhere*! You can make a 500-mile trip in an afternoon . . . and with no time out for refueling. This plane cruises at 125 miles per hour, has a maximum speed of 133 miles per hour.

And you don't have to have paved runways to take off and land, in this new Stinson. Almost any field or pasture . . . or golf-course fairway . . . will do. Wherever your business or pleasure takes you, you can go quickly and comfortably in the Voyager 150. And economically . . . for operating costs of this plane compare favorably with the over-all cost of operating your family car.

Stinson

EASY TO BUY...EASY TO FLY

Built by the company that has achieved a world-wide reputation for quality personal planes over the past 20 years, the Voyager 150 is now rolling off the production lines. See it at your Stinson Dealer's, or write for a free illustrated brochure to Stinson Division, Consolidated Vultee Aircraft Corporation, Wayne, Michigan.



"Hires to You!"



Where friends gather there is pleasure... where there is pleasure there is life and sparkle. So, delicious HIRES, the favorite at home, is a natural when the gang gets together. That's the spot for HIRES.



Edwards
SHOES FOR CHILDREN



Happy Feet... and Healthy Feet

Edwards has made quality children's shoes since 1900 and today are leaders in this field, with shoes for children of all ages. Years of specialization has made Edwards shoes the key to happy, healthy feet. Illustrated: *Caprice*, a gay dress sandal in red or blue calf. Identify your Edwards dealer by this sign. If you cannot locate him, write us for name of nearest store.

Edwards, 314-22 N. 12th Street, Phila. 7, Pa.



CATS CONTINUED

mons, a Washington newspaperman. They became acquainted when Timmons took his cat to the White House, and Coolidge eventually sent the canary to Timmons' home to live with the cat. After that they spent an hour or two every day together, the canary walking up and down the cat's back (see p. 95) or resting between his paws. According to Timmons, the canary fell over dead while singing to the cat.

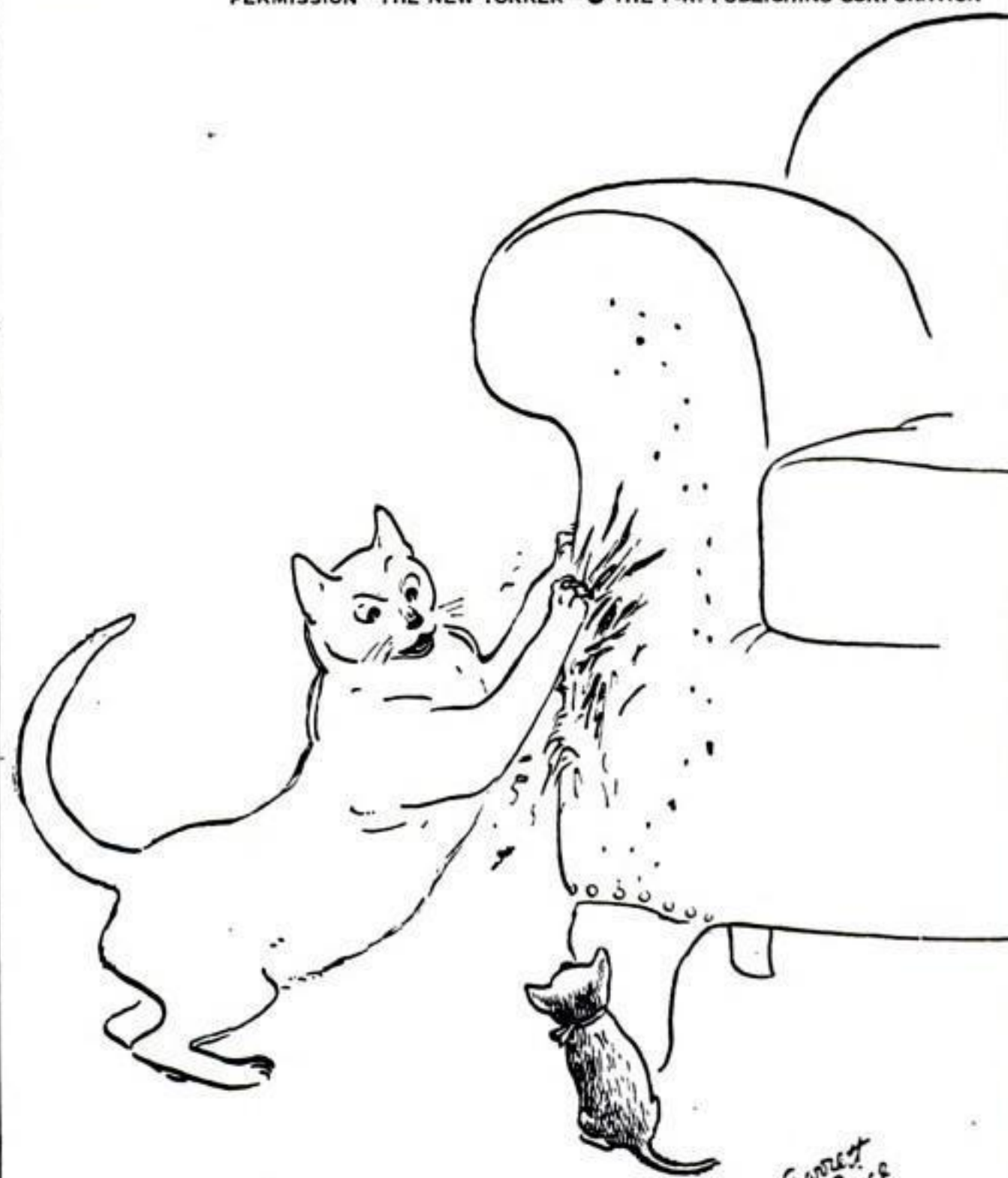
Timmons is a tall, rugged Texan who received one vote for the Democratic vice-presidential nomination at Chicago in 1940. He is now chief Washington correspondent for the *Chicago Sun*, *Nashville Tennessean*, *Fort Worth Star-Telegram*, *Houston Chronicle* and 22 other newspapers. He has always liked cats and used to feed half the stray cats in Milwaukee while working late hours on the *Sentinel* there. President Woodrow Wilson gave him his first book about cats on a campaign train in 1916. (Most recent presidents have been fond of cats—the Coolidges kept five and Teddy Roosevelt and Hoover both had cats in the White House.) Timmie was Timmons' most famous cat. Howard Chandler Christy painted Timmie's portrait in oils, and when Timmie died in 1936 a radio tribute was read to him over an NBC hookup.

Timmons and his wife now keep eight cats in their Georgetown home, including the much-publicized Mr. White, a former patient in the world-famed Johns Hopkins Hospital. Several years ago Mr. White developed an obscure foot infection and Jesse Jones, a friend of Timmons, persuaded the late Dr. Hugh Young, celebrated Johns Hopkins urologist, to take the case. Mr. White was a patient in the hospital for seven weeks and still goes back there for check-ups, making the 40-mile trip from home in a taxicab with Mr. or Mrs. Timmons.

Timmons is typical of a large number of American ailurophiles who have a quiet affection for cats but do not bother their neighbors about it. "Some people get the idea you're kind of feminine if you like cats," Timmons remarked recently, in his soft Texas drawl. "I never could figure it that way. Hell, I like all kinds of animals—cats and dogs and everything. I like pie and cake both, but I don't dislike one on account of the other."

"Of course there's every kind of cat, just like there's every kind of human being. I don't suppose there's any animal that is so different and individual in the way it acts. I guess probably the reason I always liked cats so much is just that they're so damn' interesting."

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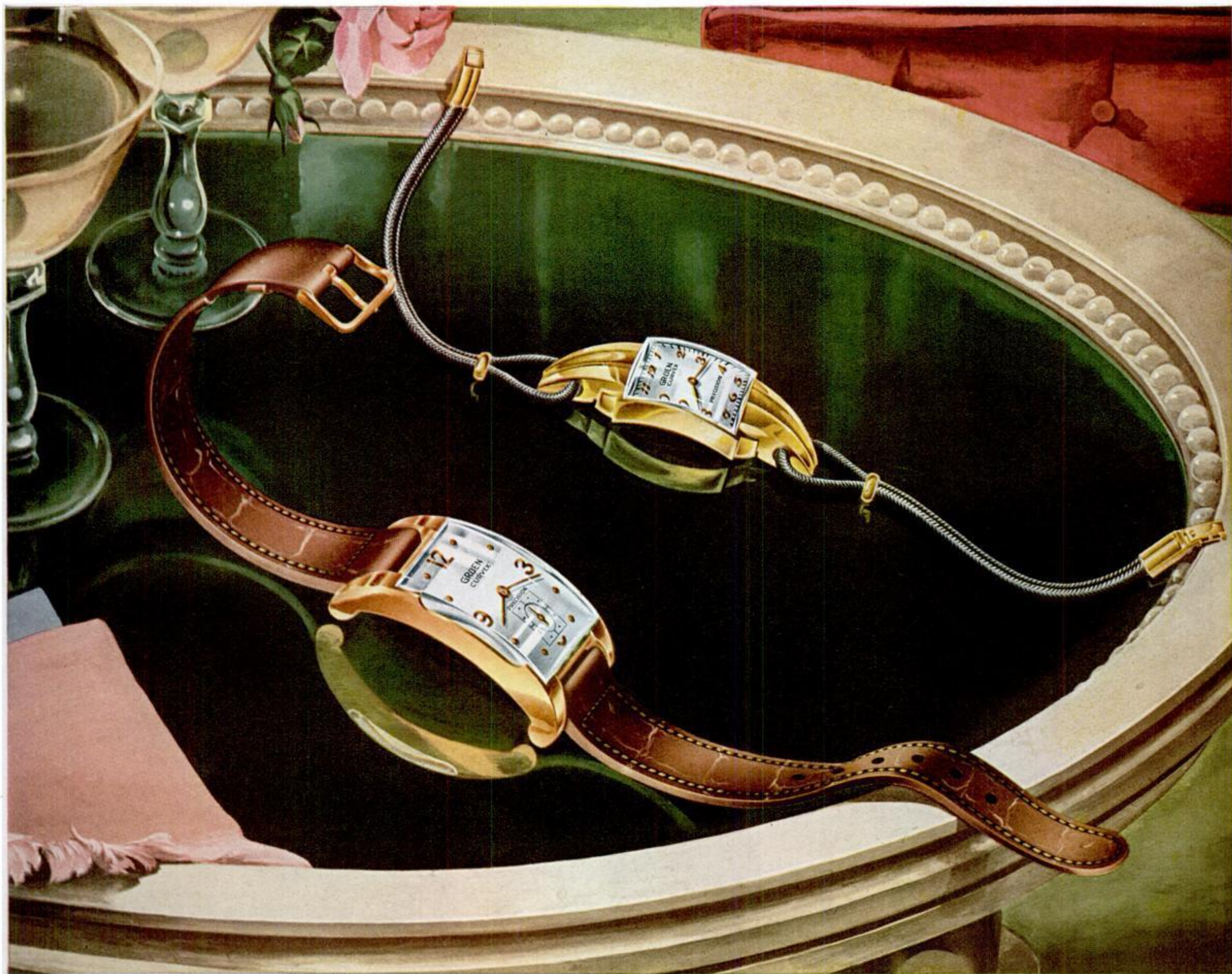


"Like this—see? You've got to get your back into it."

CATS LEARN what to do by watching their mothers, as this *New Yorker* cartoon shows. To cats there is nothing antisocial about scratching chairs.

"Cocktail Time" by Gruen Curvex

They go together—the thrill of cocktails for two and the pride that comes from wearing the famous patented Gruen Curvex!



Gruen Curvex Governor, 17-jewel Precision movement, 14k pink or yellow gold, \$150.00

Gruen Curvex Queen, 17-jewel Precision movement, 14k pink or yellow gold, \$100.00

*Choice of the distinguished—magnificently styled—
The truly exquisite gift!*

Other Gruen Curvex* watches priced from \$49.75 up. Gruen also makes the patented Veri-Thin* \$33.75 up and Pan American* (with 24-hour dial) \$39.75 up, including Federal Tax. Watches shown above enlarged to illustrate detail.

*Trade Marks Reg. U.S. Pat. Office



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TIME HILL, CINCINNATI 6, OHIO.
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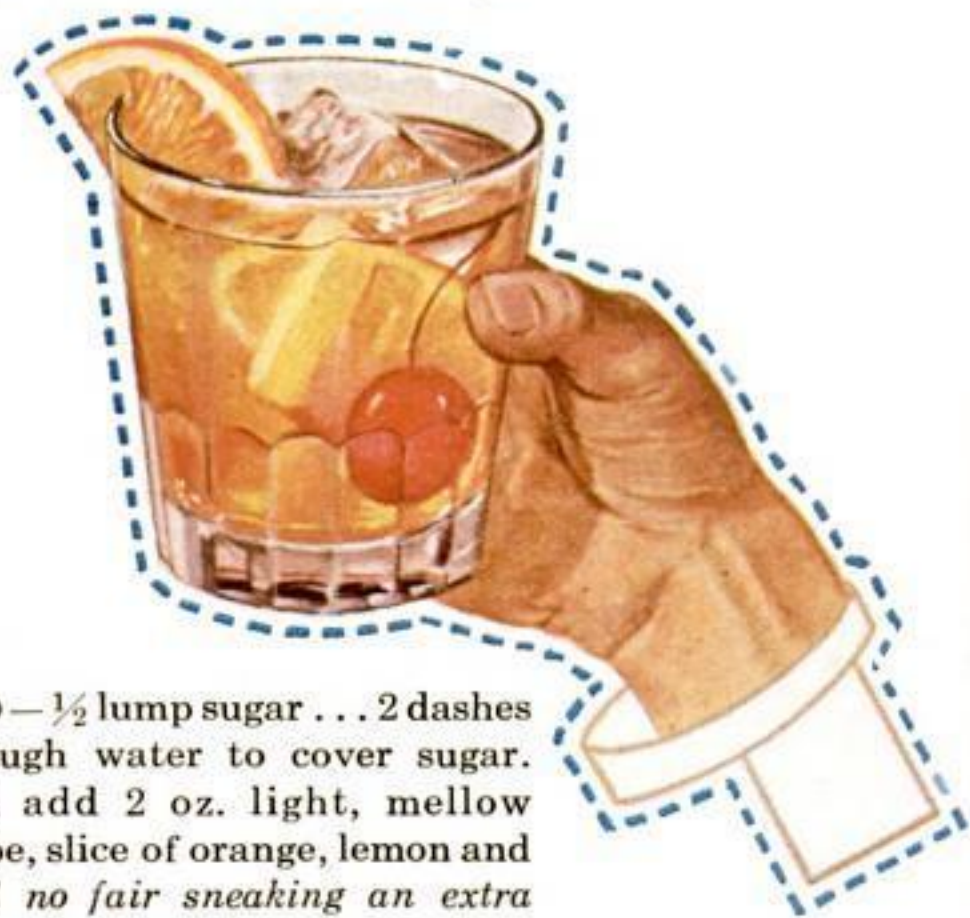
COCKTAIL CUT-OUTS

in the best of taste

(WHAT'S YOUR FAVORITE?)



MANHATTAN—2 parts superbly smooth Kinsey Whiskey... 1 part sweet Vermouth... 1 dash bitters. Add ice, stir (don't shake)... strain into glass... add cherry... and settle back for one of the finest Manhattans you ever tasted. (Write us if we're wrong!)



OLD-FASHIONED— $\frac{1}{2}$ lump sugar... 2 dashes bitters... enough water to cover sugar. Muddle well, add 2 oz. light, mellow Kinsey, ice cube, slice of orange, lemon and a cherry. And no fair sneaking an extra drink before you serve your guests!



WHISKEY SOUR—juice of $\frac{1}{2}$ lemon... $\frac{1}{2}$ teaspoon powdered sugar or honey... 2 oz. grand-tasting Kinsey. Add ice and shake, strain into glass. Add soda, decorate with half slice of lemon and a cherry. How can you wait?



THE SECRET of Kinsey's incomparable flavor is blending know-how—54 years of it! If you haven't already discovered this fine, unhurried whiskey, don't put that pleasure off another day. Try Kinsey... tonight!

KINSEY

Blended Whiskey

the unhurried whiskey
for unhurried moments

Since 1892

86.8 Proof • 65% Grain Neutral Spirits
Kinsey Distilling Corp., Linfield, Pa.



ATTRACTIVE BARBARA HALE IS 24 YEARS OLD, 5 FEET 5 INCHES TALL, WEIGHS 115 POUNDS. SHE WEARS NO MAKE-UP SAVE LIPSTICK, IS AN EXCELLENT ATHLETE

BARBARA HALE

The ex-May Queen of Rockford, Ill. passes an important movie milestone

Pretty Barbara Hale, 24, the daughter of a Rockford, Ill. landscape gardener, has just passed an important milestone in the career of a young Hollywood actress. For the past three years she has been dutifully struggling through the lame plots and one-dimensional characterizations of B pictures with names like *Falcon Out West* and *Falcon in Hollywood*. Now RKO has put her in her first A picture, a comedy called *Lady Luck*. In this funny film about

a family of inveterate gamblers, which will be released in a few months, Barbara exhibits acting ability and a fresh, engaging charm. She had already established her beauty at Rockford High School, where she was May Queen and in Chicago, where she was a successful model before Hollywood found her. On the following pages, where she is shown on a pack trip, she displays other attractions which may make her famous as the Long Woolies Girl.

distinctly masculine • *decidedly* correct



an easy "out" for an indoor man —

Another Spring — and the hills and skies and far horizons call. Now, especially, there's a quick minor miracle in a man's morning use of SPORTSMAN GROOMING ESSENTIALS. Instant release in their breezy lift and tang, constant reward in their wild-life bottles and bowls. What better way to have urban luxury, with dreams of limitless escape!

Sportsman Gift Packages, \$2 to \$10. At Better Stores. JOHN HUDSON MOORE, INC., 663 FIFTH AVE., N. Y. 22



The Rush for the Cherokee Strip
—On April 12, 1889, at noon, about 50,000 people raced for the best land sites. The founders of our company were bringing pipe-pleasure to smokers in many States. Their shop was located then at 129 Grand St., New York.

KAYWOODIE grew up with America

Kaywoodie Pipes of 1946 are the latest in a long line. In their shape, their balance, choice of the world's briar, and correct fashioning of their mouthpieces, they combine modern mechanical precision with 95 years of experience with pipe-smokers' needs. They are the world's best-smoking pipes. At dealers', \$3.50 to \$25. Kaywoodie Company, New York & London.

Winning new friends
every year since 1851



Relief Grain
Billiard Shape
\$7.50

Barbara Hale CONTINUED

BARBARA TAKES A PACK TRIP, LOOKS

Recently Barbara Hale spent a short vacation between pictures at a "working" ranch, huge 130,000-acre Rancho Linda Vista in Arizona, which has belonged for generations to some friends of hers. There was swimming, horseshoe pitching and party making, but there was also real ranching, in which Barbara enthusiastically took part. She was taught how to brand calves and did not flinch. She fed a motherless



BARBARA SLIPS OUT OF HER BEDROLL ON A COLD ARIZONA MORNING



SHE INSPECTS HER MORNING FACE IN AN OLD FORD AUTO MIRROR

ATTRACTIVE EVEN IN LONG WOOLIES

calf milk from a beer bottle, worked in the corral, even helped kill a rattler. The high point of her stay, however, was an overnight pack trip into high cattle-grazing country so rugged that only horses and burros can travel it. There Barbara slept in the open all night. When LIFE's photographer came by as she was waking up the next morning, she proved that a really pretty girl looks pretty even in long drawers.



IT TAKES A WHILE FOR BRACING MOUNTAIN AIR TO WAKE HER UP



BARBARA PULLS ON DUNGAREES. SADDLE IS BEHIND HER ON TREE

CONTINUED ON NEXT PAGE



When you need it most



...there's Quick Comfort



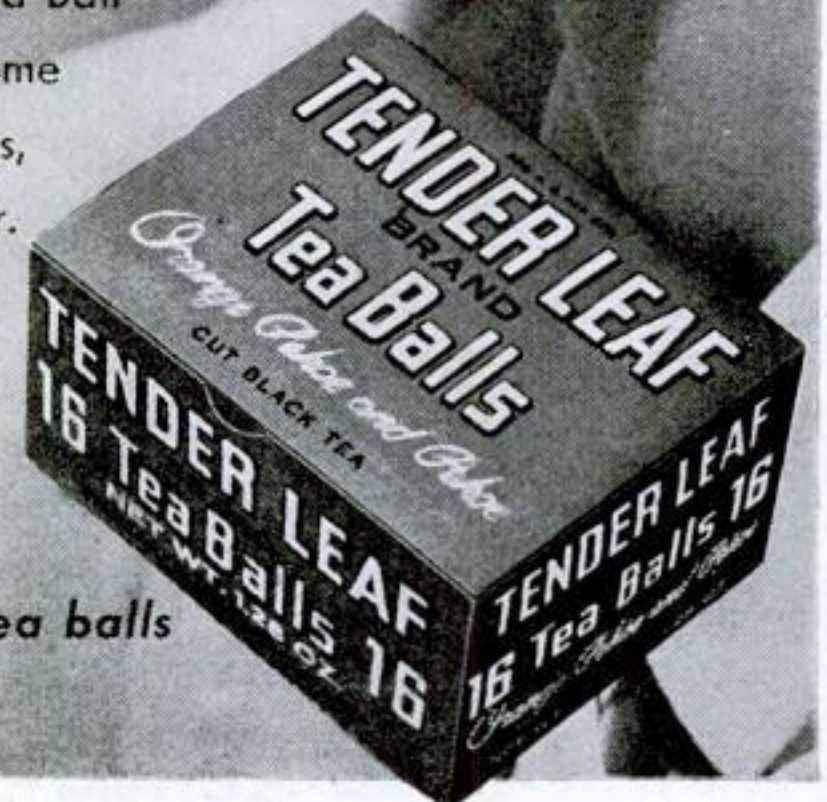
...in a cup of

TENDER LEAF TEA



• There's a bright new outlook just ahead... when you pop a Tender Leaf Brand Tea Ball into a cup—and zip in some boiling water. Here's richness, fragrance, matchless flavor. Here's quick comfort! At your grocer's, in packages and filter-type tea balls.

America's largest-selling tea balls



For the laughs of your life, join the gang in Allen's Alley, Sunday nights, 8:30 E.T., over the NBC Network immediately following the Edgar Bergen-Charlie McCarthy show. (Just stay tuned to the same station.)

THE ROYAL STEWART TARTAN...

a design in brilliant red and subdued blue and green, reflects the dignity of Walter, founder of the clan.

"It's Been the Flavour"

since 1830, that has built for Teacher's its loyal clan of followers these past 116 years. And today, more than ever

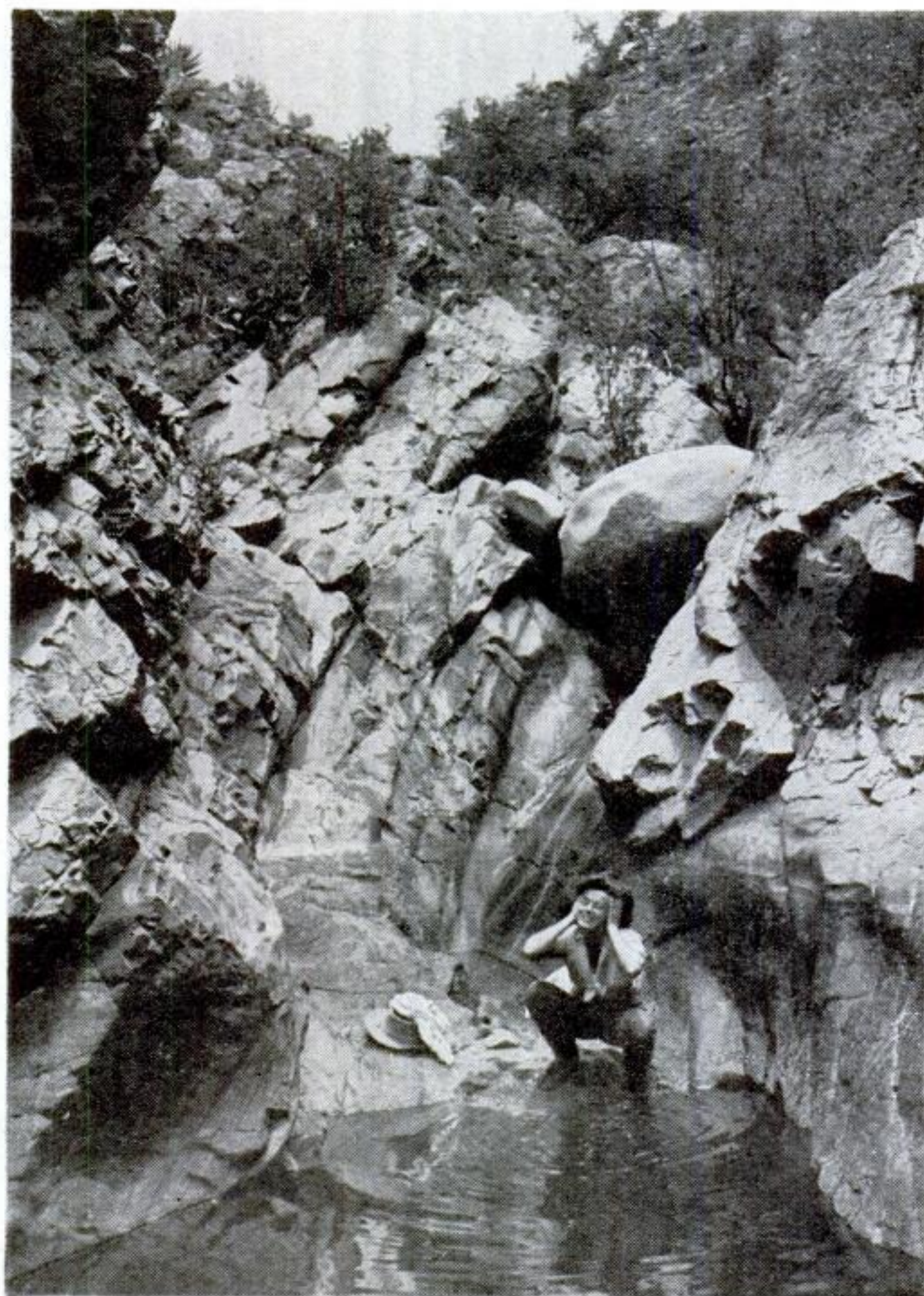
"It is the Flavour"



For Perfection in BLENDED SCOTCH WHISKY—Get

TEACHER'S
86 PROOF

Made since 1830 by Wm. Teacher & Sons, Ltd., Glasgow
Sole U. S. Agents: Schieffelin & Co., New York 3, N.Y.
Importers Since 1794



BARBARA'S MORNING ABLUTIONS are performed at a secluded pool in the mountains. There are deer, wolves and mountain lions in this country.



AN EXCELLENT HORSEWOMAN, Barbara rides near a Hereford cattle corral, one of few remaining in the West which have mesquite-wood fences.

WEBSTER'S BIOGRAPHICAL DICTIONARY
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At Your Finger Tips—Essential Facts About **40,000 NOTED MEN AND WOMEN**

THE MERRIAM-WEBSTER Book of BIOGRAPHIES

AN invaluable book by the famed editorial staff of Webster's New International Dictionary, Second Edition. This single volume contains more than 40,000 concise biographies, with pronunciation of names and all essential facts required for quick reference use. It includes scientists, statesmen, generals, rulers, explorers, writers, painters, actors, radio personalities, and eminent figures from every other field of activity. WEBSTER'S BIOGRAPHICAL DICTIONARY is an invaluable source of information for writers, speakers, and general readers. 1,736 pages, with thumb index. Price \$6.50. At your bookdealer, or from the publishers, G. & C. MERRIAM COMPANY, 607 Federal St., Springfield 2, Mass.

Historical and Contemporary—from Every Country and Every Field of Human Achievement!



IS STILL SCARCE



BUT THERE'S MORE COMING!

JUST GRIN AND SPREAD IT THIN!

THE SANDWICH SPREAD OF THE NATION
Branded with the devil...but fit for the gods!



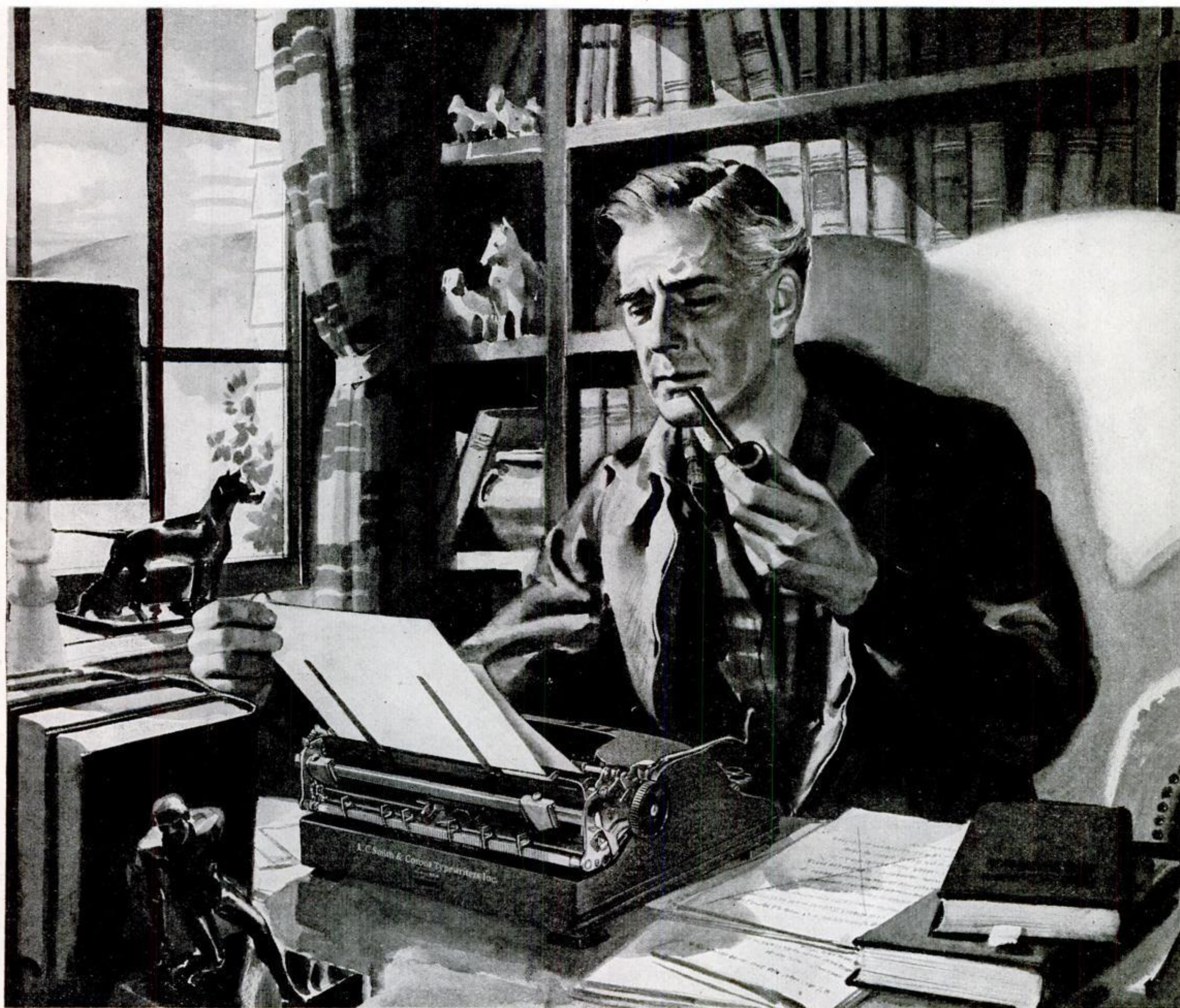
OTIS

MODERN UNDERWEAR
for men and boys

There's maximum comfort in OTIS underwear knit for longer wear, sized for excellent fit.



OTIS UNDERWEAR
37 Worth St., New York 13, N.Y.
also OTIS HOSIERY



Copyright 1946, L C SMITH & CORONA TYPEWRITERS INC SYRACUSE 1 N Y

...which portable?

LET the answer come from those who know typewriter performance from A to Z. Who better than the popular authors, the star reporters, the columnists, and all the others who make their living from the written word?

They will tell you the things to look for in a portable—speed, easy action, clear typing, stamina. And we know many who own Smith-Coronas who will tell you it's the best machine they've ever used.

So great is the demand for Smith-Coronas today that we must still beg your patience until production can catch up. But see your dealer; he'll do his best for you.



Smith-Corona

Makers also of
Smith-Corona Office Machines



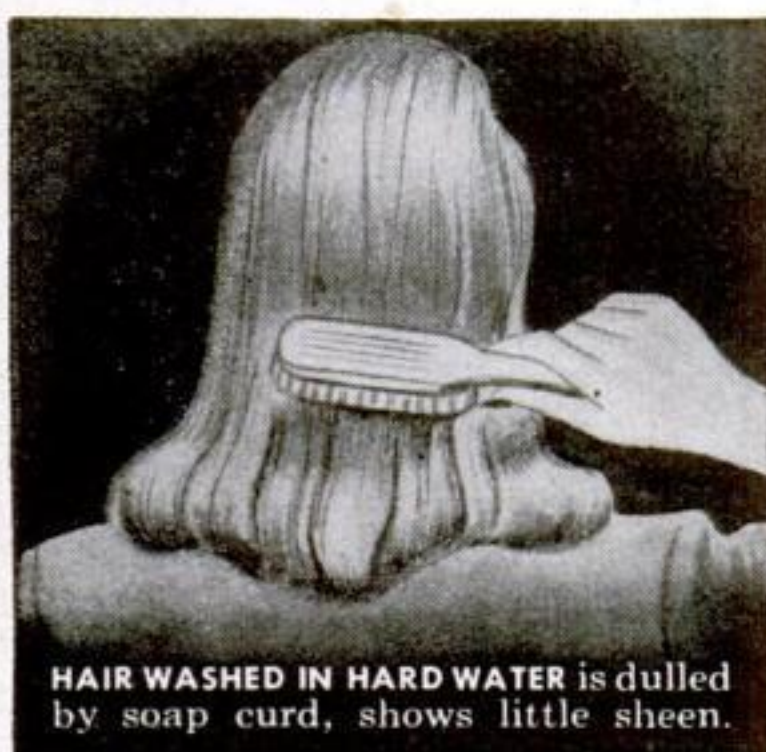
HAVE *Soft Water*

IN YOUR HOME AUTOMATICALLY WITH CULLIGAN SOFT WATER SERVICE

- No Equipment to Buy
- No Work for You
- No Contract to Sign

Just Turn Your Faucet for Sparkling "Polished" Water—*The Culligan Way*

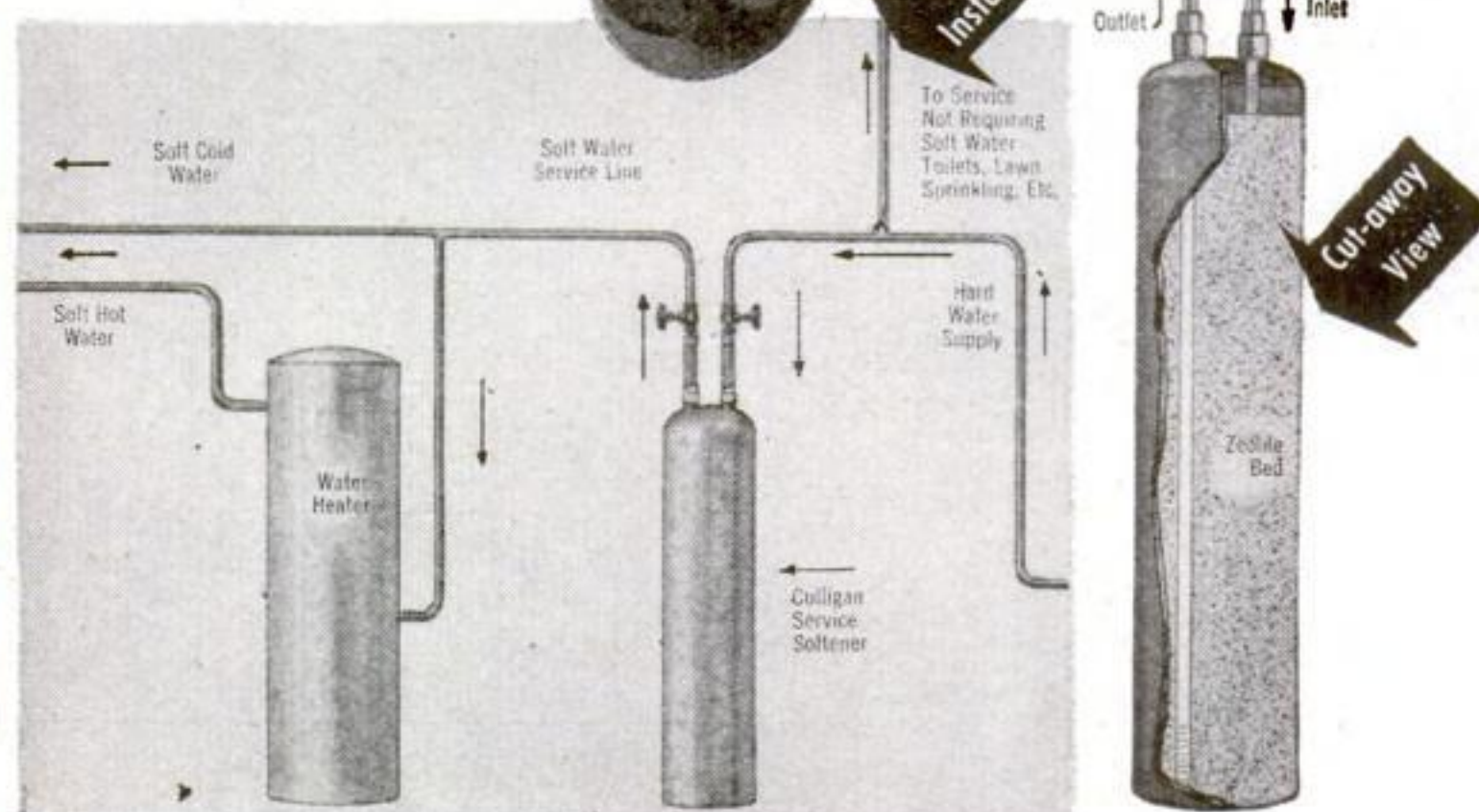
Soft water, on tap, 24 hours a day—with no fuss or bother! Water that works up billows of lather for bathing—that leaves your hair thrillingly lustrous—that adds a flashing sparkle to every piece of glassware and china. Water that melts away every trace of dingy soap curd, makes laundering easier, leaves clothes soft, sweet and fluffy. Water that makes cooking easier, vegetables tastier. Water for drinking, better for every household cleaning task, better for your hands and your complexion. *Soft water* that pays for itself in savings on soap, on clothes, on time, on effort. And now, with Culligan Soft Water Service, you can enjoy unlimited quantities of sparkling soft water from your taps—on a *service* basis—at the cost of a few cents a day. The coupon will bring you the complete story. *More than 100,000 satisfied users.*



HAIR WASHED IN HARD WATER is dulled by soap curd, shows little sheen.



HAIR WASHED IN SOFT WATER is free of soap curd, has greater lustre.



Our business is Soft Water Service. We install a water softener in a convenient place in your home. We own the equipment and we take care of it. It provides sparkling 100% soft water at a turn of the faucet without any investment or attention from anyone in the household. We service the unit at regular intervals. Your local Culligan serviceman removes the used unit and replaces it with a fresh one. This requires only a few seconds and there is no spilling or muss. Once a month you receive your bill for the service . . . and that's all there is to it!

Local Franchises are Still Available in Some Communities—Here is an opportunity for you to start your own business on an exclusive franchise basis. Write or wire our home office today for literature and complete details.

CULLIGAN ZEOLITE COMPANY
and its FRANCHISED OPERATORS



CULLIGAN ZEOLITE COMPANY
1800 Shermer Avenue
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Gentlemen:

I would like to know more about Culligan Soft Water Service.
Have your local dealer call to tell me how I can have automatic soft water in my home. This obligates me in no way.

Name

Address

City

State

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HIS LEG PACKED IN ICE, Joseph Niedermier calmly reads his German-language newspaper just an hour and a half before undergoing amputation. His bandaged, gangrenous foot protrudes from the ice, which extends beyond the tourniquet site at

mid-thigh (see p. 118). The rubber sheet has been thrown back but normally it is wrapped around the leg. The melted ice is funneled off by the sheet into a bucket which stands at the foot of the bed. The patient's leg has been on ice for seven days.

ICE ANESTHESIA

A NEW TECHNIQUE OF SURGICAL REFRIGERATION EMPLOYS COLD TO DECREASE THE RISK IN AMPUTATIONS OF BADLY DAMAGED LIMBS

Ice has long been a minor tool of medicine. Since cold constricts blood vessels, ice has been applied to reduce inflammation. Since cold deadens nerves and thus acts as an anesthetic, ice has been used to relieve pain. Now doctors have adapted ice to a new surgical technique, using refrigeration to treat damaged limbs and provide a shockless amputation anesthetic. Developed by Doctors Frederick M. Allen and Lyman W. Crossman of New York City, ice anesthesia has cut down the high mortality rate of poor-risk amputation cases, such as the one pictured on these pages.

When Joseph Niedermier (above), 68, was

brought into City Hospital, New York City, on March 21, he was delirious, in great pain and had a temperature of 103.6° F. His left foot was gangrenous as a result of hardening of the arteries, which had closed down the blood vessels supplying the leg. To save his life amputation was necessary. His general condition was so bad, however, that with ordinary treatment, the shock would almost certainly have killed him.

Instead of resorting to ordinary methods, doctors packed the leg in ice. Within three hours tissue metabolism was reduced to a minimum by the cold and its nerves were deadened. Pain, spread

of infection, production and absorption of poisons were halted. Freed from discomfort and fever, the patient regained the strength to undergo amputation. On March 28, after seven days on ice, the leg was amputated. Cold had so numbed the leg that no other anesthetic was needed. The patient suffered no pain nor shock and recovered nicely from his surgical ordeal (see p. 121).

Refrigeration is also being used to avoid many amputations entirely. By slowing down local tissue reactions in a limb damaged by accident or disease it often gives the body a chance to make its own repairs through natural healing processes.

OUCH P-S-S-T TRY LIFEBOUY SWELL

THE SHAVE IS **BETTER**
WHEN THE LATHER STAYS
WETTER

LIFEBOUY
Shaving
Cream

Yes, the **WETTER** the lather the **BETTER** the shave. A quick-drying lather will dry out on your face—give you a shave that stings and burns. What you want is a rich creamy **EXTRA MOIST** lather...the lather you get with Lifebuoy Shaving Cream...a lather that **STAYS MOIST** and keeps your beard soft and wet the whole shave through.

Get Lifebuoy Shaving Cream for **CLEANER, SMOOTHER** shaves—even with cold water or a used blade.

*Try Lifebuoy's
Stay-Moist Lather*

LEVER BROS
CAMBRIDGE

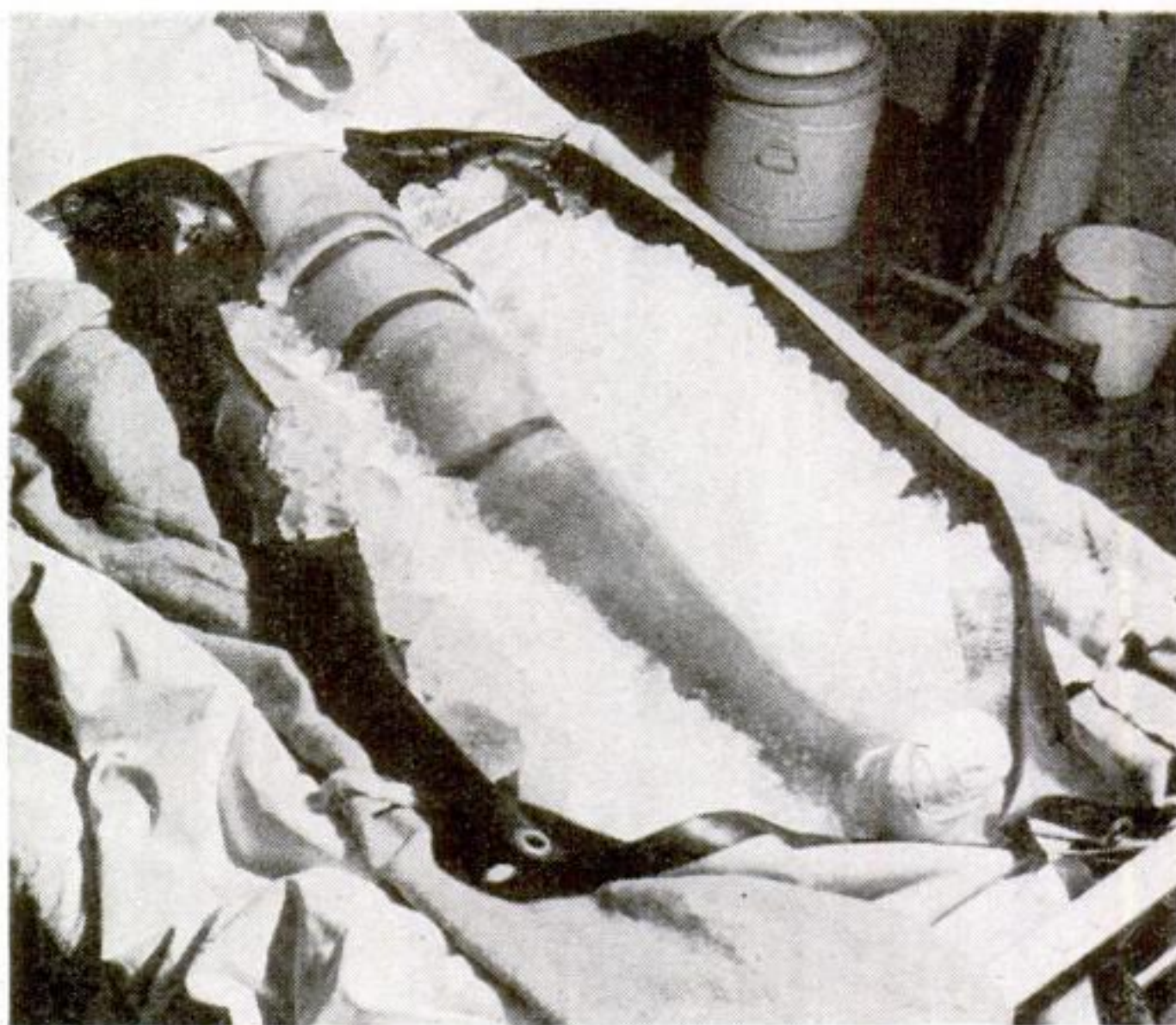
The Correct Thing...

• Correct—no matter what the occasion—French Toes are always a sign of good grooming, and never more so than in this smart, newly styled version for Spring, by Walk-Over.

WALK-OVER
Quality Footwear

Walk-Over prices
\$8.95 to \$12.95
Geo. E. Keith Company
Brockton 63, Mass.

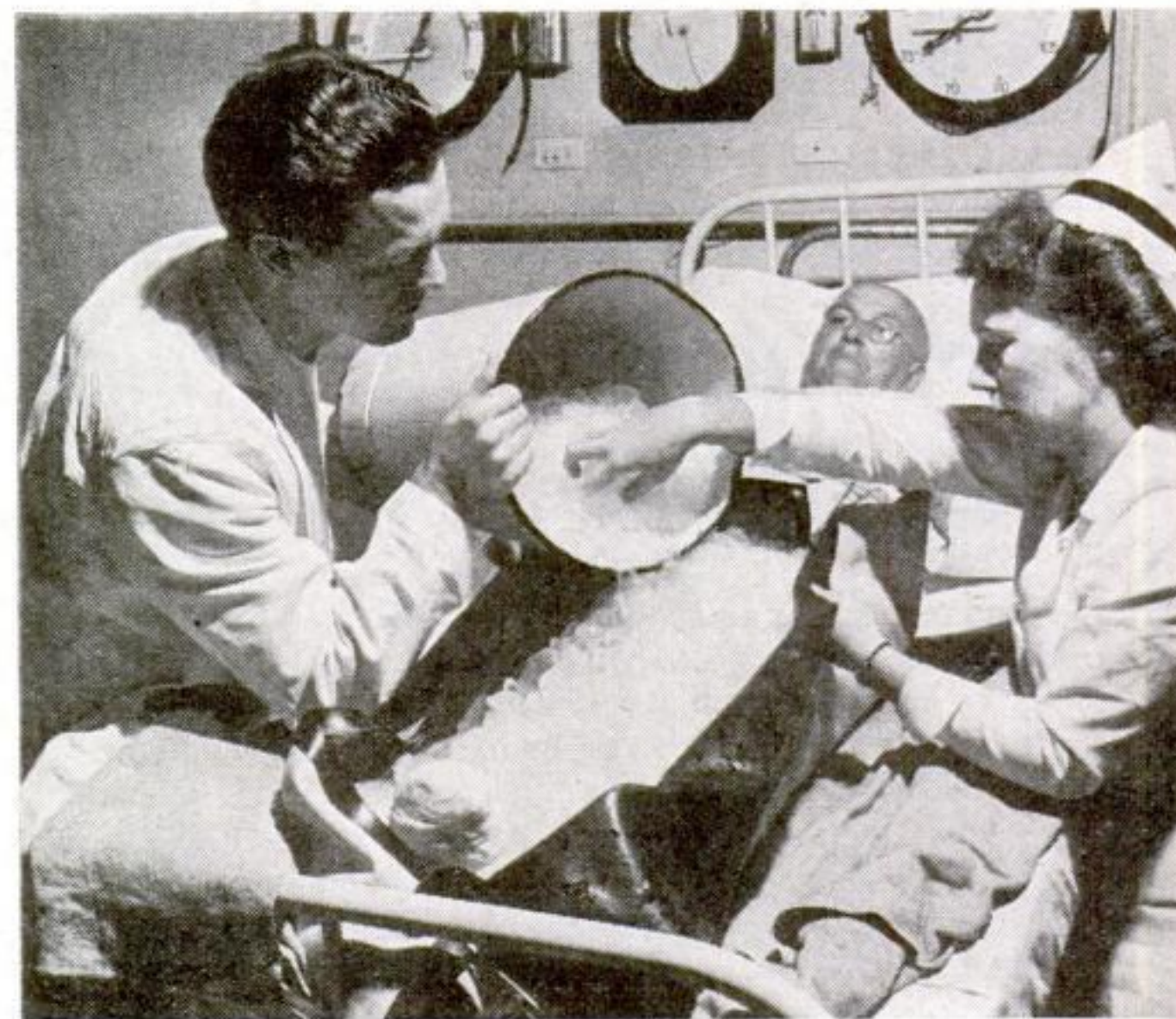
Ice Anesthesia CONTINUED



REFRIGERATED LEG is bound by a tourniquet, applied three hours before the amputation. Mark above knee is for saw-line, mark below is for incision. Circulation had been so impaired that a high amputation was necessary.



SKIN TEMPERATURE of the thigh is taken with a thermocouple, a very delicate type of thermometer. The needle pressed against thigh records 40°F, low enough for complete anesthesia. Normal skin temperature is about 95°F.



MORE ICE is packed around the leg to maintain its low temperature. The leg is so numbed that the patient feels no cold in it. In spite of the ice and the tourniquet around the upper thigh, the stump tissues will not be damaged.

CONTINUED ON PAGE 121

For Gracious Living



Wherever the better things of life are enjoyed and appreciated... Schlitz is a natural and expected part of the setting.

JUST
THE *kiss*
OF THE HOPS
No harsh bitterness

Schlitz

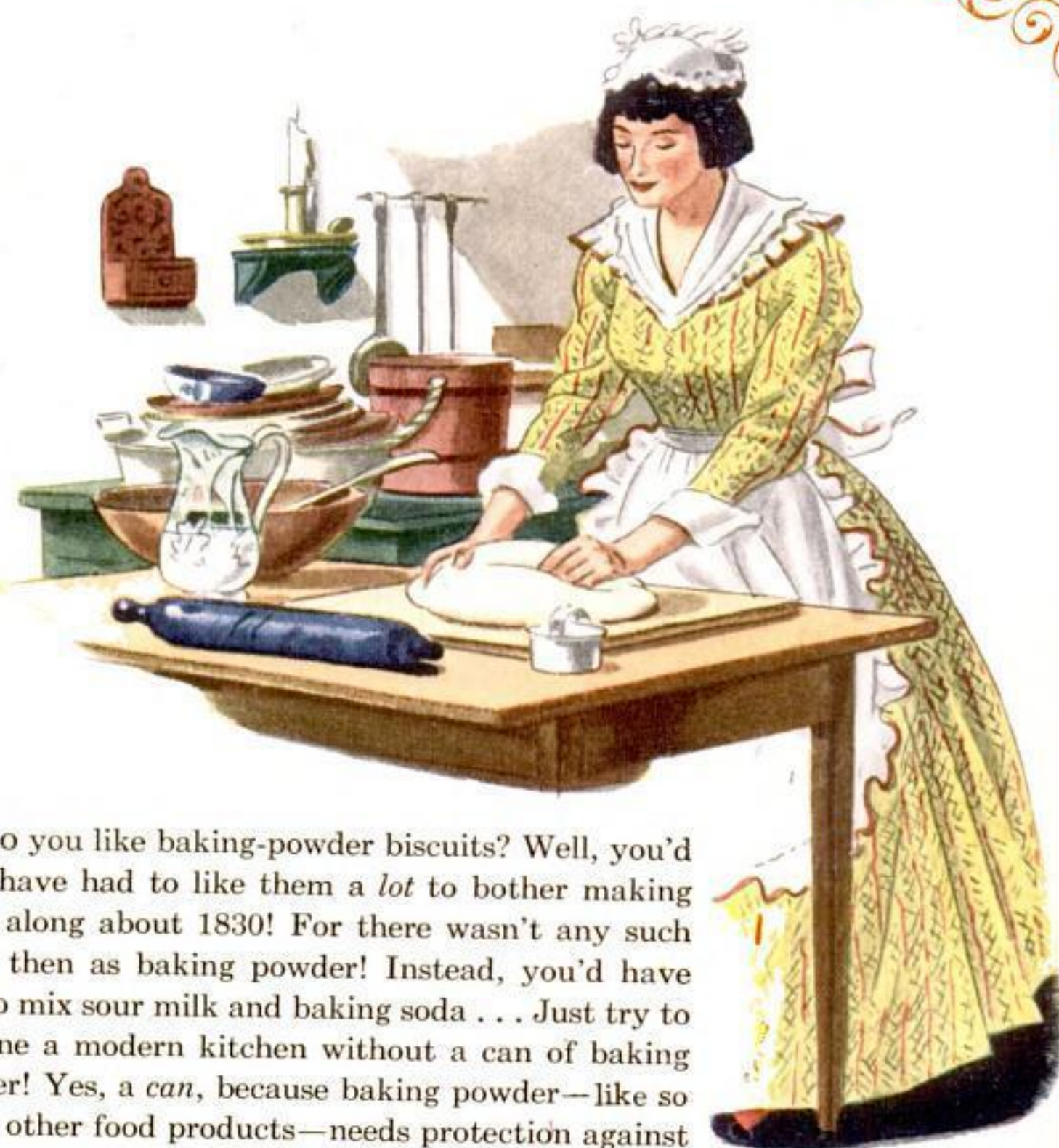


Copyright 1940, Jos. Schlitz Brewing Co., Milwaukee, Wis.

THE BEER THAT MADE MILWAUKEE FAMOUS

Gone are "The Good Old Days"

THANK GOODNESS!



BACK in the days when Willie had to scour mother's pots and pans with *wood ashes and water*, he'd have turned handsprings for a handy can of kitchen cleanser such as we know today. Many modern household products—such as cleansers, solvents, polishes and waxes—have been made possible by the dependable steel-and-tin can. It serves not only as a protective container but also adds greatly to the convenience and usefulness of its contents.

Do you like baking-powder biscuits? Well, you'd have had to like them a *lot* to bother making them along about 1830! For there wasn't any such thing then as baking powder! Instead, you'd have had to mix sour milk and baking soda . . . Just try to imagine a modern kitchen without a can of baking powder! Yes, a *can*, because baking powder—like so many other food products—needs protection against moisture as well as against dirt and contamination—protection best given by cans!



THE course of true love probably ran no more smoothly, about 1905, than it does today—and with far more mosquitoes! For, in those days, folks fought mosquitoes simply by burning "punk sticks." But the modern can helped change all that! Now we have

powerful insecticides whose potency is lastingly protected by cans—some complete with "shoosher"—easy and convenient to use. Just one more example of how the versatile steel-and-tin can works with modern packaging to improve present-day products!



PRODUCTS IN CANS ARE

SAFE from dirt, germs, breakage

SAFE from air, light, moisture

SAFE from tampering—quality is fully protected

No Other Container Protects Like the Can

PROBABLY YOU DON'T stop to think very often about the familiar steel-and-tin can. And that very fact is just about the highest praise that could be given the can! For it proves this modern container does such a dependable job that the protection and convenience it affords are *simply taken for granted*! More than 2,500 products are packed in cans—because cans don't shatter, crack, split, or tear—they're easy to open and to dispose of—and they give lasting protection against air, light, moisture, contamination and spoilage.

CAN MANUFACTURERS INSTITUTE, INC., NEW YORK



WHILE HIS LEG IS AMPUTATED Niedermier remains fully conscious and free from pain. Although the ice has been removed, no other anesthetic is needed. The sensitivity of the leg has been completely deadened by cold.



AFTER 40 MINUTES of operation Niedermier is still able to talk easily with attending nurse. The stump of the leg is now packed with ice again. This delays healing a little but prevents postoperative shock, pain and inflammation.



HALF AN HOUR LATER Niedermier eats lunch, his stump surrounded with four ice bags. Convalescing quickly, without pain or complications, he was able to get out of bed into a wheelchair seven days after the operation.



Come over on the
Sunny Brook side!



Enjoy the whiskey that's

*"Cheerful as
its Name"*

Hear that chirrupy song of
spring in the tinkling pouring
of Old Sunny Brook! Tip up
your drink, sip it down, and
bask in the sunshine of its
smile. Rich, round flavor, bred
in Kentucky. Mellow smoothness,
born of a cheerful disposition.
Yes, sir, this whiskey
aims to please — and does.



OLD
SUNNY BROOK
BRAND

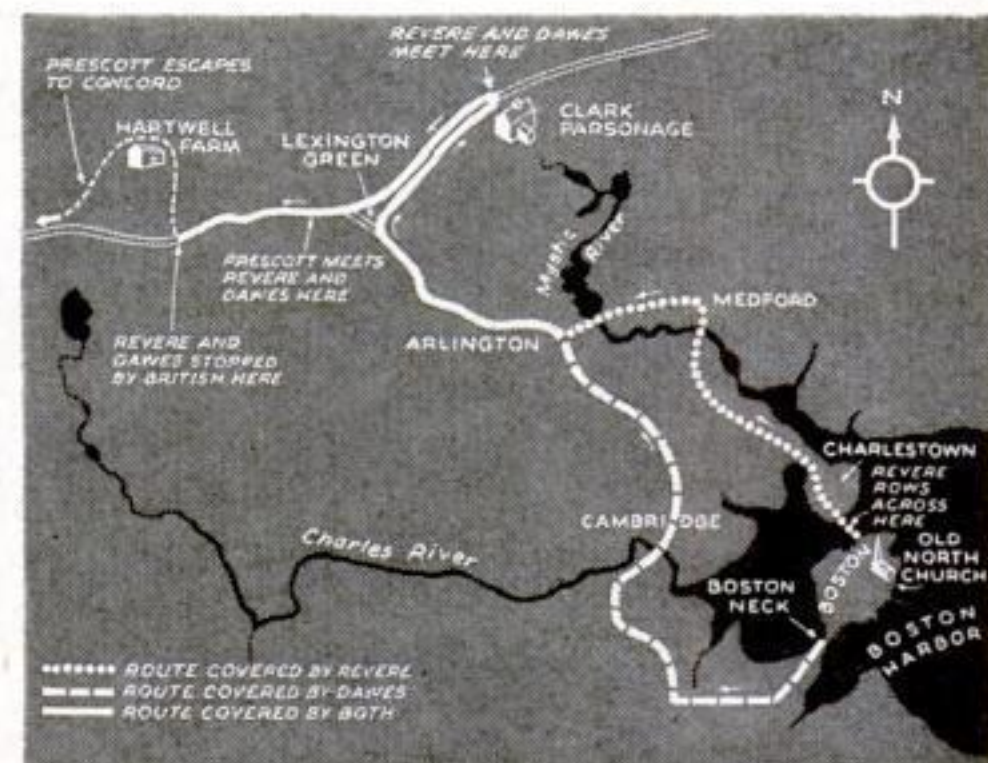
Whiskey — A Blend

NATIONAL DISTILLERS PRODUCTS CORPORATION, N. Y. • 93 PROOF • 65% GRAIN NEUTRAL SPIRITS



OLD NORTH CHURCH in Boston was the signal tower for Longfellow's phrase, "One, if by land and two, if by sea." But the poet misstated facts. Lanterns

were not the signal to Revere. He already knew the British were going by sea, had sexton hang lanterns to warn Charlestown patriots in case he was stopped.



REVERE BEGAN AT BOSTON, ALMOST MADE CONCORD

Life Follows the Route of Paul Revere

**A photographer retraces the ride
of Boston's patriot silversmith**

At 10 o'clock in the evening of April 18, 171 years ago this week, Paul Revere, a 40-year-old Boston silversmith, set out on an errand which a poem, published 86 years later by Henry Wadsworth Longfellow, has since made the most famous ride in U.S. history. Longfellow, however, mixed fact with poetic license. To clarify some of the facts LIFE's Photographer Kosti Ruohomaa followed Revere's route (*above*) and took these pictures of important spots along the "Midnight Ride."

Paul Revere started from his house in North Square, rowed around the stern of the British man-of-war *Somerset* guarding the harbor and landed on the shore at Charlestown. There he borrowed a horse and set off for Lexington, about 15 miles away, to warn Revolutionary Leaders Sam Adams and John Hancock that the British army was marching out to arrest them.

He had hardly started when he was ambushed by a British patrol, but he escaped, changed his course and crossed the Mystic River twice, warning every householder in his path. Racing into Lexington, he woke Hancock and Adams in the Clark parsonage, and they got ready to escape north. His job done, Revere relaxed by the fire.

But at 12:30 Billy Dawes, a Boston cordwainer, who had come with the same message over the land route (*see map*), arrived and the two riders decided to go on to Concord. As they left Lexington they were joined by Dr. Samuel Prescott, returning to Concord after a late date with a Lexington girl. The three men were ambushed near Hartwell farm, but Dawes and Prescott escaped.

Revere's captors took his horse and freed him, whereupon he walked back to the parsonage and helped Hancock and Adams get away. Then he went to Buchman's Tavern to get Hancock's trunk. As he came out of the tavern, the sun was just rising and he saw the redcoats march onto the green and halt before the milling crowd of Minute Men. At this moment the historic shot was fired. But Revere, not realizing the importance of this skirmish, picked up the trunk and calmly walked away.

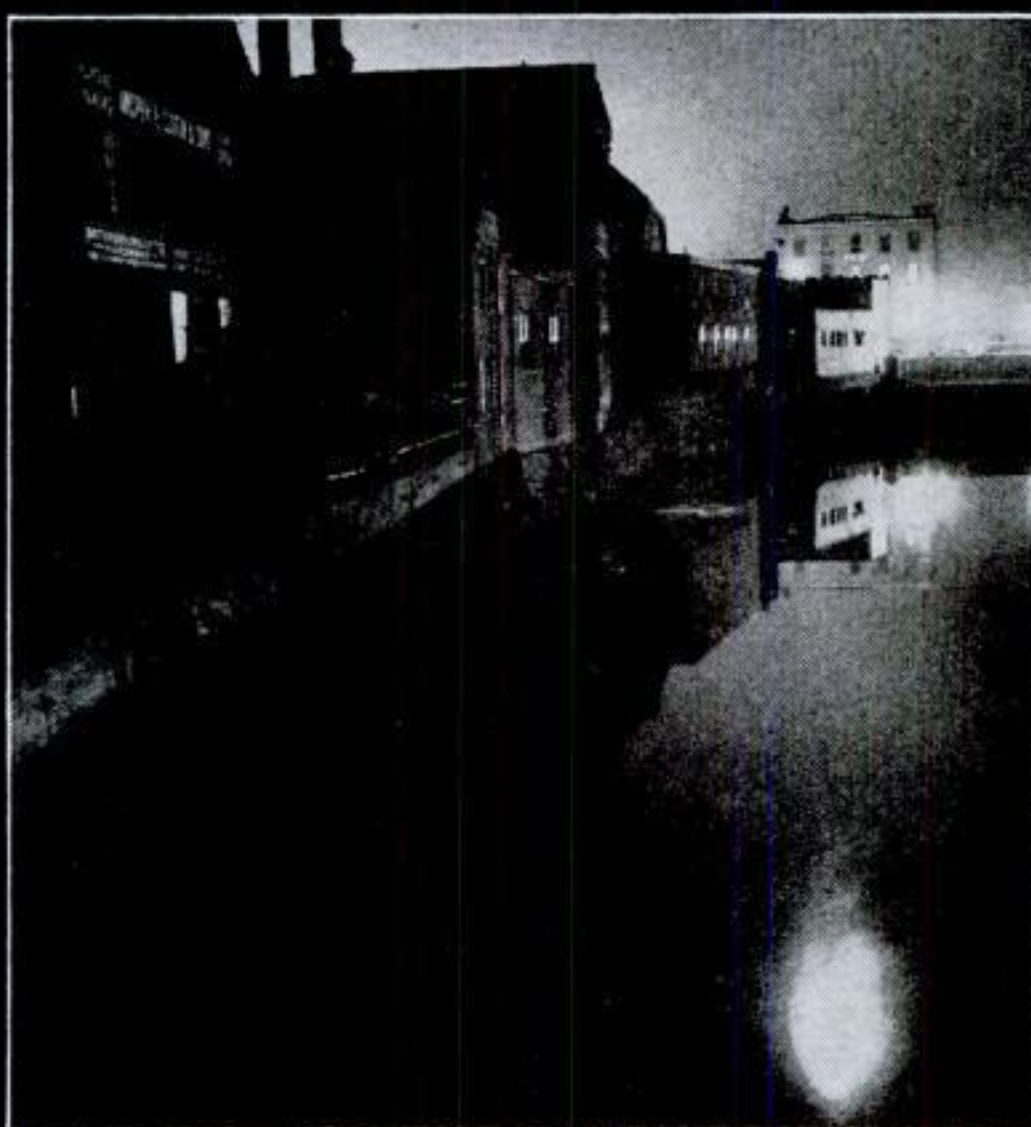


LEXINGTON GREEN was quiet when Revere galloped at midnight. Richard Devens, a patriot in Charlestown, had seen Revere's two-lantern signal from Old North Church. He had sent a messenger, but Revere was the first rider through. When he

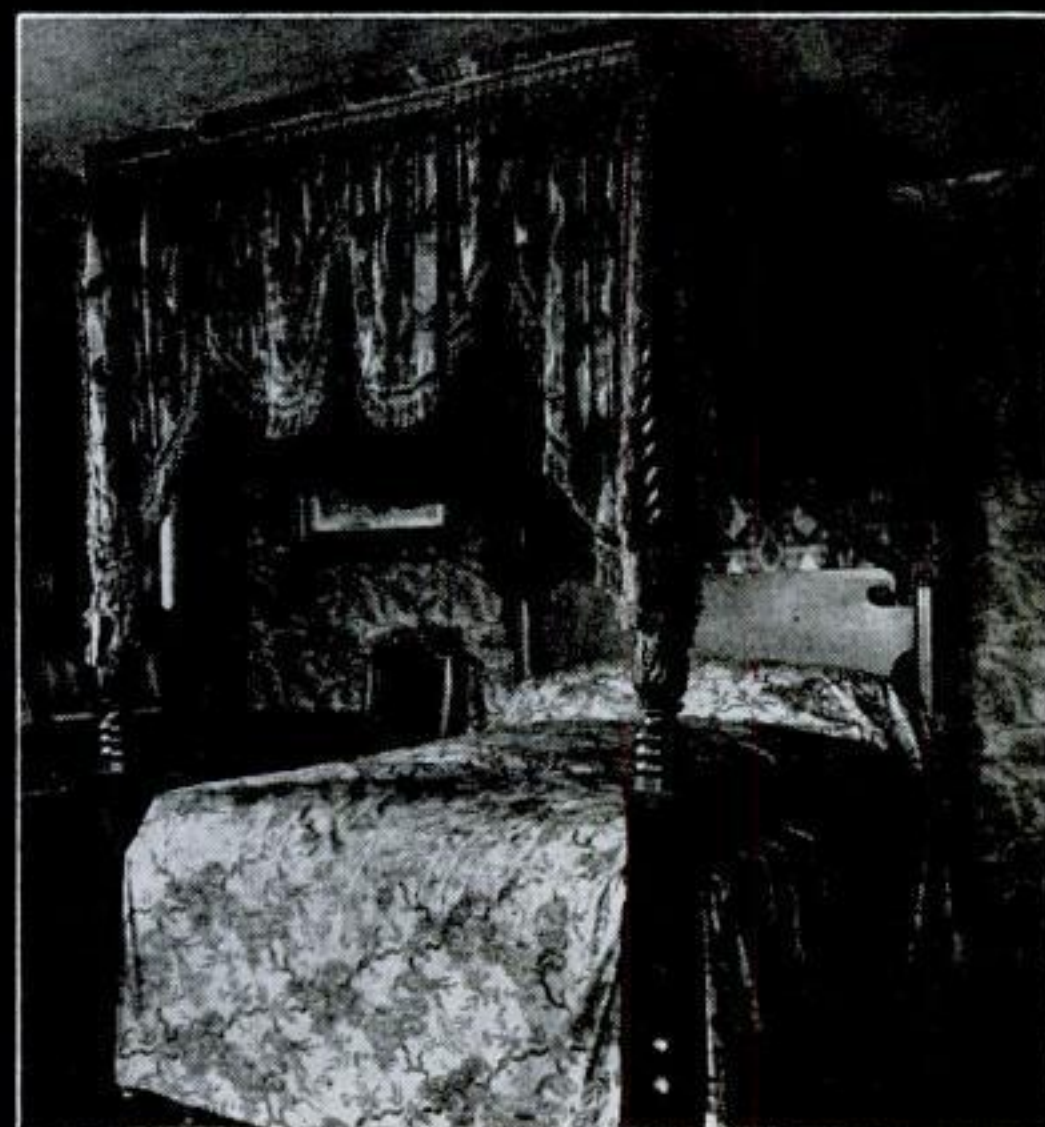
reached the Clark parsonage, tired from an hour's ride, Minute Men guarding the house told him Mr. Hancock did not want to be disturbed by any noise. Revere was furious. "Noise!" he shouted, "You'll have noise enough before long! The Regulars are out!"




REVERE'S KITCHEN in Boston was where he started his errand. He later told his children he forgot his spurs but his dog came back and got them.



THE MYSTIC RIVER ran along his route. He crossed it twice, aroused almost every house he came to. As he rode he could hear the countryside shouting in his wake.



CLARK GUEST ROOM in Lexington was where Hancock and Adams were sleeping in this bed. This was Revere's objective, not Concord, as Longfellow says.



fresh-cut fragrance!
-from fields of spice-light carnations

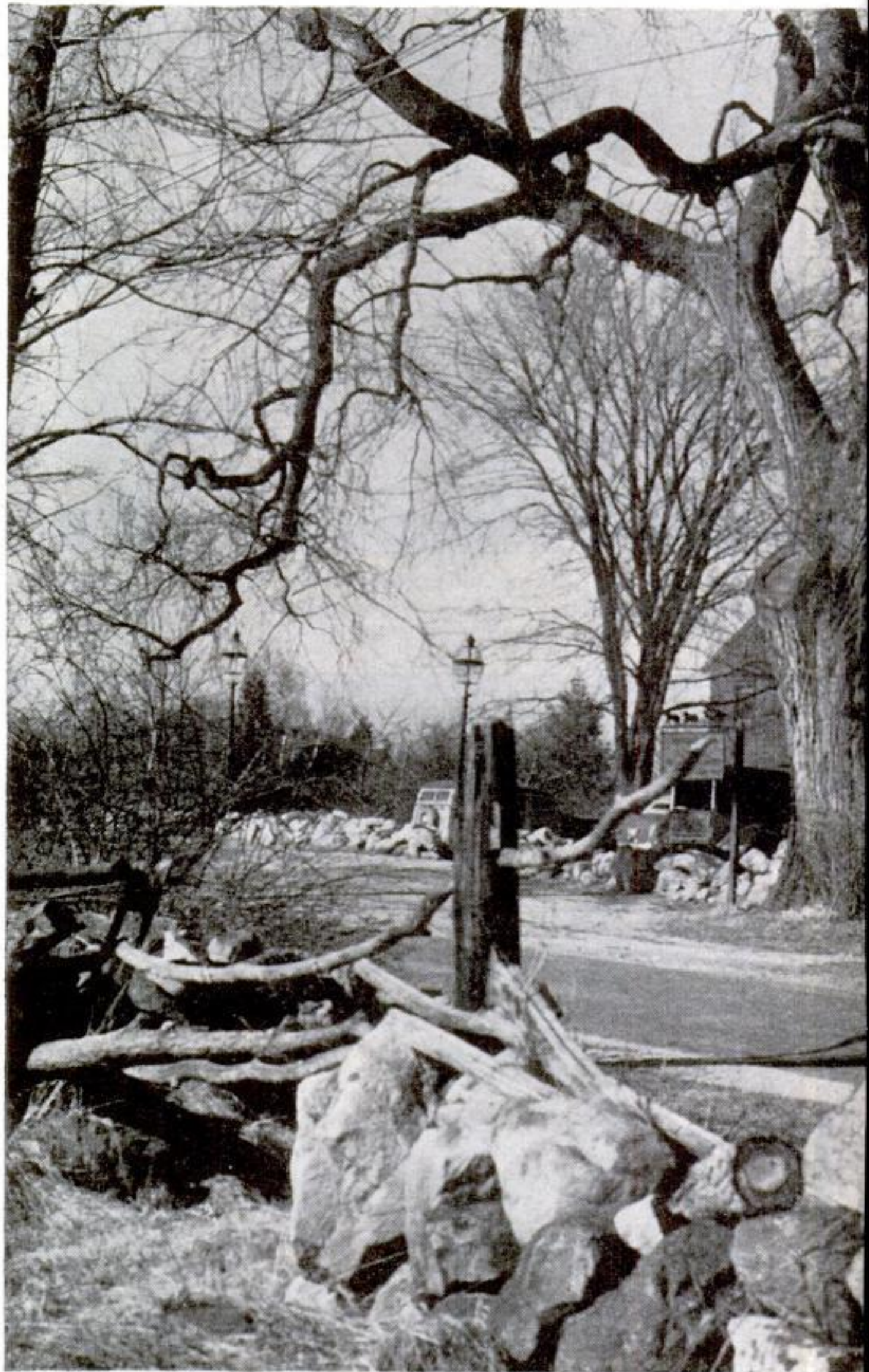
in huge beautiful bath-bars of the best-loved
of all fragrant, rich-lathering
bath soaps - four cakes - 100

Wrisley

carnation
Bath Superbe Soap



BUCKMAN TAVERN, near Lexington Green, was where the Minute Men assembled to wait for British Regulars. While the British troops stood around in salt marshes near the Charles River, patriots kept comfortable in this bar.



HARTWELL FARM is near the spot where the Regulars stopped the three riders. Prescott sneaked around the farm, got through to Concord. Billy Dawes raced to a farmhouse nearby with two of the Regulars hot after him, tried to



REVERE WAS CAUGHT here by Regulars who herded the riders into a pasture. Prescott and Dawes jumped the stone wall and got away. Revere made for the woods, but more Regulars came out of the woods, surrounded him.



fool them into thinking they were ambushed by yelling, "Halloo, boys, I've got two of them!" But then he fell off his horse. At this point Dawes left the stage of history, but a descendant, Charles G. Dawes, became a U.S. vice president.



This... IS IT!

Designed for modern, gracious living... the result of days and hours of planning! Yes, this is it... a real American home. And certainly this is a home where fragrant, hearty cups of A&P Coffee will be served every day. For A&P Coffee... pride of the experts who carefully blend and roast each pound... is America's best-liked coffee! Remember, it's sold in the bean and Custom Ground at the instant of purchase.

Take your choice of the three superb A&P blends! One sip... and you'll say, "This is it!"



*There's no finer
coffee in any
package at any
price!*

A&P COFFEE
AT ALL A&P FOOD STORES



Hang it up-
and

KILL OFF MOTH WORMS FAST!

HANG this handy vaporizer filled with Bug-a-boo Moth Crystals in your closet... and those moth worms will be under control!

Special, quick-acting ingredients go into Bug-a-boo Moth Crystals. They start vaporizing instantly—permeate the air—protect your precious woolens and furs. Yet there's no lingering moth ball odor. In fact, their clean fragrance keeps chests and closets fresh!

Bug-a-boo Moth Crystals are far more effective than ordinary moth balls—and so easy to use. Vaporizers included with each 1 lb., 3 lb. and 5 lb. package. Refill your present vaporizers with Bug-a-boo Moth Crystals, on sale at your favorite store now.



“G’BYE BOYS, IT’S
Bug-a-boo
MOTH
CRYSTALS”



THE SIGN THE
NATION KNOWS



Also: Bug-a-boo Super Insect Spray with and without D.D.T.
Bug-a-boo Garden Spray • Bug-a-boo Repellent



KOALA SNIFFS DISH OF MILK AND EGG SET OUT FOR PRICKLY ANTEATER

KOALA VS. ANTEATER

In the Melbourne Zoo two Australian animals get into a fight over a dish of milk and egg

When the keeper in the Melbourne, Australia Zoo offered a dish of milk and egg to an echidna, or prickly anteater, a little koala bear nosed in and got into a fight. The fight ended, as these blow-by-blow pictures show, in a victory for neither the koala, which never eats anything but eucalyptus leaves, nor for the prickly anteater, which sometimes eats milk and eggs but much prefers ants and worms.

The koala and the prickly anteater are two of many strange animals in which Australia abounds. The koala has become well known because of its resemblance to a Teddy bear. The prickly anteater, whose body is covered with long, sharp, yellow spines, is one of the two known egg-laying mammals. In September the female lays a single egg which she places in a pouch over her stomach. The egg hatches from heat of her body and the young anteater suckles like other mammals for about five weeks. The only other egg-laying mammal is the duck-billed platypus.



AS ANTEATER APPROACHES DISH TO EAT HIS FOOD, KOALA BACKS AWAY



KOALA RUNS BACK IN FRONT OF ANTEATER AS HE COMES CLOSE TO DISH



FIGHT STARTS AS KOALA REACHES OUT PAW TO PULL ANTEATER AWAY



KOALA HITS ANTEATER IN FACE, WHICH IS NOT PROTECTED BY SPINES

CONTINUED ON NEXT PAGE

Of All Work Clothes, **ONLY**

Reliance **BIG YANKS**

Bring You All These Great Extras!

7 Feature Advantages!

- ★ "Elbow-Action" Design allows full elbow freedom, eliminates binding.
- ★ Patented Cigarette Pocket provides handy protection for cigarettes or watch.
- ★ "Danger-Check" Safety Sleeves—patented construction guards against catching in machinery.
- ★ Reinforced Crotch gives greater comfort and durability.
- ★ Sanforized Fabrics—sturdy cotton twills, coverts and jeans, guaranteed not to shrink more than 1%.
- ★ Strainproof Yoke—Reliance patent adds 50% greater strength.
- ★ Non-Rip Seams assure extra long wear.



You Look Smarter Too in Big Yank Shirts and Trousers

You stamp yourself an "up and comer" when you wear Big Yank shirts and trousers on the job. Because Big Yanks are tailored for *smart appearance* as well as rugged quality. Another example of why it pays to "Rely on Reliance." Sensibly priced at leading stores everywhere. Unfortunately, demand still exceeds supply. Reliance Manufacturing Co., 212 W. Monroe St., Chicago 6, 200 Fifth Ave., New York 10.

Other Reliance Quality Garments

AYWON Shirts
ENSENADA Sportswear
YANK Jr. Children's Wear

Look for this Label!



BUY
U. S. SAVINGS BONDS
KEEP
THE BONDS YOU HAVE!



How to be a #1 HERO all your life!

Get yourself a finer, smoother Barbasol Face with America's #1 shave—and keep it all your life. That's how! Nothing like it for winning a woman's approval in close-ups. That's why! Yes, for shaving speed and ease, for soothing comfort and smooth results, Barbasol is facially yours—all ways!

Tubes and jars. Large size, 25¢. Giant size, 50¢. Family size, 75¢.



Koala vs. Anteater CONTINUED



KOALA AND ANTEATER TANGLE. KOALA TRIES TO HOLD HIM FROM DISH



KOALA JUMPS AWAY WHEN THE ANTEATER'S SHARP SPINES PRICK HIM



KOALA KICKS OVER DISH AND THE FOOD SPILLS OUT ON THE GROUND



MR. MERVYN LE ROY, DISTINGUISHED MOTION-PICTURE DIRECTOR

For Men of Distinction...LORD CALVERT

FOR years the most expensive whiskey blended in America, Lord Calvert is so *rare*, so *smooth*, so *mellow* that it has never been produced except in limited quan-

ties. It is "Custom" Blended for the enjoyment of those who can afford the finest...with each bottle numbered and registered at the distillery by Calvert.

LORD CALVERT IS A "CUSTOM" BLENDED WHISKEY, 86.8 PROOF, 65% GRAIN NEUTRAL SPIRITS. CALVERT DISTILLERS CORPORATION, NEW YORK CITY.



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